

# **ACC PROGRAMMING PLAN 97-03**

## **PREDATOR UAV FIELDING PLAN INDIAN SPRINGS AIR FORCE AUXILIARY FIELD, NEVADA**



**6 DEC 96**

This PPlan incorporates the Site Action Task Force (SATAF)  
convened at Nellis AFB 2-5 Dec 96

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**OPR: HQ ACC/XPP**

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NOTE: AN ACTION ITEM SUMMARY (SPREADSHEET) IS LOCATED AT THE END OF THE PPLAN

**DISTRIBUTION**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/XPP**

AGENCIES ON DISTRIBUTION FOR THIS PPLAN ARE REQUESTED TO ENSURE ELECTRONIC TRANSMISSION TO AFFECTED AGENCIES WITHIN THEIR ELEMENT AS APPROPRIATE.

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OSD A&T DARO

DUSD/AT

SAF/AQI

HQ USAF/XOFL, XORR, INX

USACOM/J1, J2, J3, J33

HQ AFMC/XPX/DRA

AWC/XP

57 WG/CV

99 ABW/CC

11 RS/CC

ASC/RAR

NGB/XOI

J-38 ROD

US NAVY JPO

HQ ACC/XPP, XPM, XPI, XPF, XPSA, LGX, LGS, LGT, LGC, LGR, LGQ, LGM, DOU, DOB, DOT, DOR, DOX, DOS, DOW, DOF, DOO, DRF, DRS, DPC, DPA, CEP, CEV, CES/ESP, SCC, SCX, SCB, PAX, SGP, SVF, INF, INX, HO, FMA, FMF, IGI, SPO, SPX, SE

**BASIC PLAN**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/XPP**

**TITLE: Predator UAV Fielding Plan**

**1 INTRODUCTION:**

1.1 General: This PPlan is a follow-on to ACC Programming Message (PMsg) 96-11, including Changes 1-3 thereof. ACC PMsg 96-11 is closed effective upon receipt of this PPlan.

1.2 Purpose: This plan outlines and directs those HQ ACC staff functions necessary to successfully receive, beddown, operate, maintain and sustain the projected fleet of Predator Medium Altitude Endurance (MAE) Unmanned Aerial Vehicles (UAVs). The purpose of this plan is to provide guidance and assign responsibilities to support the fielding and subsequent normalization of the Predator Unmanned Aerial Vehicle (UAV).

1.3 Background: The acquisition of approximately 43 Predator aircraft and associated ground equipment follows a successful advanced concepts technology demonstration (ACTD). The ACTD was authorized by the Under Secretary of Defense for Acquisition and Technology (USD A&T), funded by the Defense Airborne Reconnaissance Office (DARO) within their vision for a family of UAVs, managed by the US Navy's joint program office (JPO) for cruise missiles and UAVs, and conducted with USACOM/J3 managing the daily operation. The key decision trail is outlined in paragraph 5, USAF Predator Decision.

1.4 Objective: ACTDs are a relatively new concept to the DOD. As part of the on going effort to streamline the acquisition process, ACTDs attempt to shave years off the development and testing phase of normal DODR 5000.1 series acquisition processes. Service processes have heretofore not adjusted their procedures to accommodate the fast paced nature of acquisition following a successful ACTD. For that reason, and because acquisition legal requirements must be met, the objective of this plan is to "normalize" the procurement and fielding of the Predator system.

1.5 Scope: While information and concepts in this plan could be used for acquisition following any ACTD, it is designed to assist the ACC staff in fielding any of the family of UAVs currently in ACTD. The high altitude endurance (HAE) versions have flown or will fly in the near future. The transition to normal procurement for both the Predator and the HAE aircraft begins with this plan.

**2 ADVANCED CONCEPT TECHNOLOGY DEMONSTRATION:**

2.1 Advanced Concept Technology Demonstrations (ACTDs) accelerate and facilitate the application of mature advanced technologies to solve important military problems. A declining budget and increasing variety of threats, coupled with an acquisition process outstripped by the pace of technology, have hampered warfighter efforts to resolve significant military shortfalls. Potential adversaries with relatively easy access to modern military technologies and have accentuated the need for rapidly transitioning technology.

2.2 Three key themes form the focus of ACTD development, implementation and management: to ensure user orientation, to focus maturing technology on warfighter needs, and to plan and execute a focused demonstration program.

2.2.1 User orientation: ACTDs are intended to directly address warfighter shortfalls through the application of maturing technology and must include intense user involvement as well as sponsorship. The process provides the users a basis for a deep understanding of utility before procurement decisions and for developing a corresponding

concept of operations. Furthermore, a key objective of ACTDs is providing a residual operational capability for the warfighter as an interim solution prior to procurement.

2.2.2 Focus maturing technology on warfighter needs: ACTDs enhance warfighter readiness by transitioning mature technologies into an operational capability efficiently and affordably. The difficult introduction of complex new capabilities can be accomplished more readily through the ACTD process with a corresponding reduction in development costs and risks.

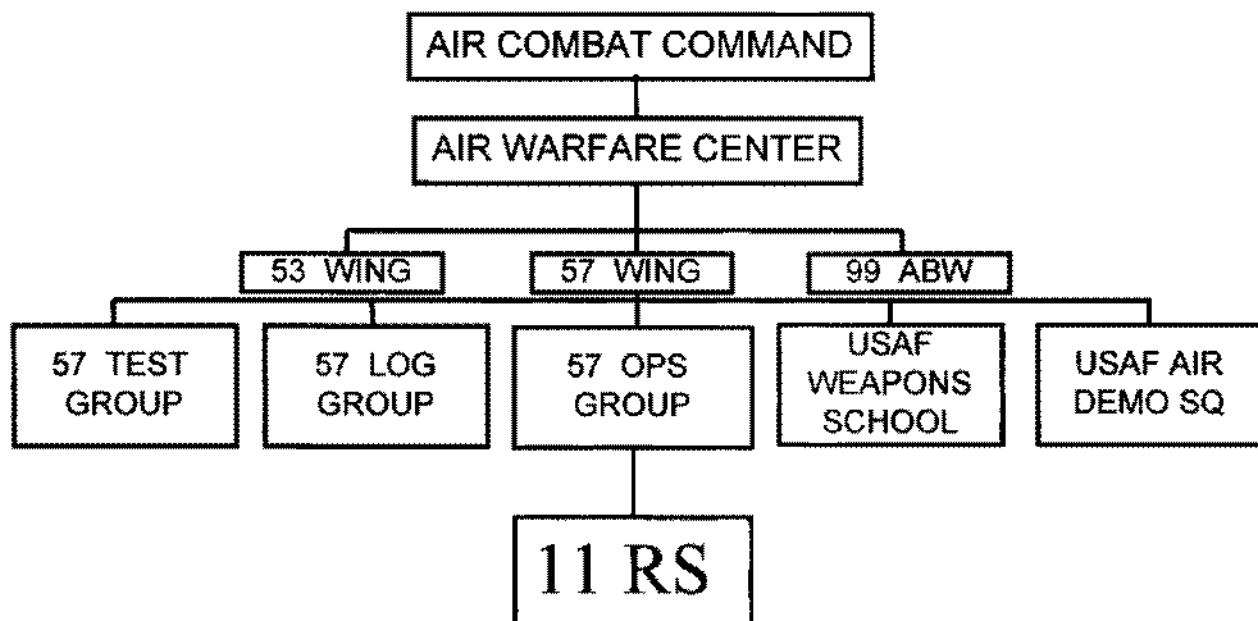
2.2.3 Plan and execute a focused demonstration program: detailed planning and streamlined management are emphasized. Each ACTD is managed by a Service or Agency developer and driven by the principal user sponsor. All user and development organizations are represented on an oversight IPT chaired by the USD(AT); the purpose of this group of senior acquisition representatives is to assure parallel communications, without delays, among the participants.

2.3 To the maximum extent possible, streamlined acquisition and management processes will be used during the Predator UAV ACTD. The Defense Airborne Reconnaissance Office (DARO), as responsible agent for developing and managing the airborne reconnaissance architecture, will provide funding and program oversight at the OSD level. The UAV JPO, PEO(CU), is the Executing Agent and provides the day-to-day management of the ACTD development.

2.4 At the conclusion of the Predator UAV ACTD the user community will have seven AVs, three GCSs, three Trojan Spirit IIs, approximately 40 trained personnel (service and contractor), a CONOPS document and a clear understanding of the capabilities and limitations of the system. These personnel and equipment can be used as a training cadre, complete with courseware, to ease and assist transition to partial or complete military operations/maintenance of the Predator system. This residual capability also provides the resources for in-house testing of different sensors, maritime modifications or new concepts for employment of the system.

### 3 USAF PREDATOR DECISION:

3.1 On 29 Jul 95 the Commander of Air Combat Command, Gen Ralston, stood up the 11th Reconnaissance Squadron at Indian Springs Air Force Auxiliary Airfield, NV to accept the UAV mission. The 11 RS was tasked to accept the Predator and examine how USAF should operate UAVs into the next century and beyond.



### 3.2 Site Action Task Force (SATAF)

3.2.1 On 17 Oct 95 HQ ACC was tasked by CSAF to "stand-up the UAV program and accept the Predator in 30 days". ACC XP conducted the first SATAF and identified actions required to beddown the 10 residual Predators and 125 personnel at Indian Springs Auxiliary Airfield (ISAFAP). SATAF II was conducted from 29 Jan through 2 Feb 96 to ensure all programming actions were met for the impending 2 Sep 96 deployment of the 11 RS. A total force structure of 30 Predators and 480 people were used as the baseline.

3.2.2 The program has been rescoped for a total force structure of 45 Predators and 566 manpower authorizations (includes 57 BOS). The SATAF hosted by HQ ACC/XPP at Nellis AFB during 2-6 Dec 96, as incorporated within this PPlan, provides detailed beddown guidance supporting this new baseline. Appendix 2 to Annex Z of this plan is comprised of all open action items required to support the build. PMSG 96-11 and the minutes from the two prior SATAFs are no longer considered active planning tools but will be retained by HQ ACC/XPP for two years for documentive purposes.

### 3.3 Military Utility Decision

3.3.1 USACOM message (1 Dec 95) to VCJCS recommendations:

3.3.1.1 Procure 16 systems for a total of 64 aircraft.

3.3.1.2 US Air Force procure systems/OPCON over land based systems

3.3.1.3 US Army assume executive agent for training

3.3.1.4 US Navy plan to procure 3 marinized systems beginning FY99

3.3.2 JROC memo (JROCM 151-95, 16 Dec 95) to SECDEF recommendations:

3.3.2.1 Assign "Service Lead" to US Air Force for planning and executing NCA missions.

3.3.2.2 USACOM will retain COCOM.

3.3.2.3 Envision "significant joint participation by CINCS and other services".

3.3.2.4 UAV (USN) Joint Program office will retain responsibility for system development and procurement.

3.3.3 JROC memo (JROCM 010-96, 12 Feb 96) to USD(A&T) recommendations:

3.3.3.1 Identified Predator has demonstrated sufficient military utility to warrant transition to production.

3.3.3.2 JROC recommends initial force structure of 16 Predator systems (plus A/R) to meet the need of our warfighting commanders.

3.3.4 SECDEF Memo (9 Apr 96) to Secretaries of Military departments, CJCS, Under SECDEFs, assigning UAV Service Lead:

3.3.4.1 "Air Force is designated as the service lead for operating and maintaining the Predator UAV at the conclusion of the ACTD, as recommended in JROC Memo 151-95. USACOM will be the Combatant Command and the Navy Service Acquisition Executive will have responsibility for system development and procurement."

3.3.4.2 The Predator has proved its ability to provide a significant and urgently needed reconnaissance capability in many mission areas and the continued participation of each Service must be maintained.

**4 PREDATOR UAV DEFINED:** The Predator UAV is capable of sustained, medium altitude surveillance and reconnaissance. It can operate under adverse weather conditions at a range in excess of 500 nautical miles from the launch area at an altitude of 3,000 to 25,000 feet MSL. The Predator equipped with EO/IR, the UHF SATCOM, and a full load of fuel can loiter for 24 hours at its 500 nautical mile range or over an area covered by 40 hours of flight time. It can be equipped with EO, IR, and SAR sensors simultaneously and a Ku Band SATCOM. This sensor compliment reduces the endurance of the vehicle to less than 20 hours. The EO sensor is rated at NIIRS 6 or better, the IR at NIIRS 5, and the SAR sensor will have 1 foot resolution capability. The EO/IR systems provide full motion video, while the SAR provides still imagery. The system will provide a stare capability in target areas producing releasable, high resolution imagery, transferred in near-real-time to the operational commander. It will be supported by transportable ground control vans which are equipped with both LOS control for an operating range of 120 nautical miles and SATCOM relay at greater ranges. (Only fuel considerations of the AV and the integrity of the satellite links will limit its range of operations under SATCOM relay.) The system in its current configuration is transportable by three C-141s or five C-130s and can be set up for launch operations within six hours of arrival in the deployment area. Communications and intelligence relay will be provided via the Trojan Spirit and the Joint Defense Intelligence Support System/ Joint Worldwide Intelligence Communications System systems. Predator data will be accessible for indications and warning (I&W), cueing, rapid restrike, bomb/battle damage assessment (BDA), target acquisition and further analysis up and down the chain of command within minutes of receipt. This is described in the ACC Endurance UAV CONOPS.

**5 VISION:** The Predator UAV system is envisioned to provide a low cost, long dwell, dynamically retaskable, day/night reconnaissance, surveillance, and target acquisition (RSTA) capability throughout the spectrum of conflict. The Predator UAV concept is coupled with a human risk reduction advantage over manned aircraft operating in the same environments.

**5.1 Requirements Overview:** Predator was designed primarily as an imagery platform that can fill gaps in the military requirement to cover 40,000 square miles per day per MRC. (SEE ANNEX R)

## **5.2 CONOP:**

**5.2.1** ACC will produce a Predator concept of operations supporting the Joint Forces Commander. ACC will continue to field and update its Endurance UAV CONOPS to that end.

**5.2.2** The Predator system will eventually provide continuous 24-hour surveillance within a 500 Nm operational radius using electro-optical (EO), infrared (IR), and synthetic aperture radar (SAR) sensors, at medium altitudes of 25,000 feet or below. A Predator system consists of 4 air vehicles, 1 ground control station (GCS), and a Trojan Spirit II satellite communications terminal.

**5.2.3** Predator is a **theater asset** to be used in peacetime exercises, training, and forward deployment by a Theater Commander In Chief (CINC), as well as crisis/contingency operations of a Joint Task Force (JTF) Commander.

**5.2.4** Chairman of the Joint Chiefs of Staff (CJCS) instruction (CJCSI 3250.01) exists for non-wartime DOD sensitive airborne reconnaissance operations by DOD mobile platforms to include UAVs. Sensitive Reconnaissance Operations (SRO) are deemed those missions which, by virtue of their collections objectives, means of collection, or area of operations, involve significant military risk or political sensitivity. The applicability of SRO policy guidance to Predator UAV reconnaissance operations must be addressed in the OPORD/OPLAN for each deployment. An SRO exemption waiver would provide added flexibility to Predator operations in support of a JCS-directed operation involving the designation of a JTF.

5.2.5 The JFC will establish the JFACC/J2/J3 coordination and tasking policy in accordance with Joint Pub 3-55.1. The JFC will determine apportionment of air assets, while the JFACC/AFFOR will determine allocation of those air assets. Based on the J2 collection plan for Predator, these requirements will be passed to the Air Operations Center (AOC) where the JFACC determine the number of vehicles needed to fulfill them. Mission data on preplanned Predator sorties will be contained in the air tasking order (ATO). Ad-hoc and dynamic retasking will be coordinated through the JTF Commander, using normal recce support request procedures. During deployed operations, a liaison officer (LNO) familiar with Predator operations will assist the JFC/JFACC in operational planning and airspace deconfliction.

5.2.6 Only minimal and very crude exploitation of Predator data is accomplished in the GCS before it is disseminated through the JIC network, via JDISS and JWICS for further exploitation and archiving. As an operational-level platform, the JTF Commander will be in control of data dissemination. It will be the responsibility of the JTF/J2 to convert the collected data from Predator into exploited information for production and dissemination.

### 5.2.7 Command Relationships

5.2.7.1 Command And Control Of Predators: USACOM will exercise combatant command (COCOM) of all MAE Systems (Predator). USACOM exercises Operational Control (OPCON) of Predator through ACC, USACOM's Air Force component. ACC assigns these assets to Air Warfare Center's 57 WG, 11 RS. OPCON of deployed Predators transfers to the theater CINC, once the asset is in the supported CINC's Area of Responsibility (AOR). The supported CINC or designated subordinate Joint Force Commander (JFC) will normally exercise OPCON of the deployed UAV forces through the Commander of Air Force Forces (COMAFFOR) while Tactical Control (TACON) will normally be exercised by the Joint Force Air Component Commander (JFACC). The COMAFFOR may also be designated as the JFACC.

5.2.7.2 Conduct Of Operations: During contingency operations or support of wartime operations, the Predator is a theater asset for use by the appropriate Unified CINC or JFC. Collection requirements for UAV operations will be reviewed, validated, and prioritized by the J-2. The J-3, in coordination with the J-2, will forward these requirements to the commander, normally the JFACC/AFFOR, exercising TACON over these theater reconnaissance and surveillance assets. The JFACC will then task the UAV unit to satisfy the JFC requirement. Normally, UAVs will be tasked by the JFACC in the air tasking order (ATO) in accordance with JFC priorities.

5.2.7.3 Joint Force Commander's (JFC) Guidance: The JFC's guidance helps unify the efforts of subordinate commanders and allow them to pursue assigned missions and objectives without further orders, even when operations do not unfold as planned. Like all theater reconnaissance assets, Predator will be tasked to support the overall JFC strategy and guidance. The JFC can be a CINC, subunified commander, or Joint Task Force commander.

5.2.7.4 Joint Force Air Component Commander Responsibilities: In order to provide centralized control of air operations, the JFC will normally designate a JFACC. The JFACC must establish a process for integrating Predator in the overall Airspace Control Plan (ACP) developed by Airspace Control Authority (ACA). The ACP will have detailed procedures for Predator operations that will deconflict manned and unmanned operations in joint use airspace; these procedures should cover both pre-planned UAV missions as well as allow for contingency flight path/mission deviations. Specific procedures should be contained in the special instruction (SPINs) portion of the ATO.

5.3 COCOM/OPCON: USACOM will exercise combatant command (COCOM) of Predator. Operational control of Predator will be the responsibility of ACC, USACOM's Air Force component. OPCON of deployed endurance Predator systems transfers to the theater CINC, once the asset is in the supported area of responsibility (AOR).



5.4 Delivery Timeline: Accurate information for FY97 delivery was provided by US Navy JPO. No other information on delivery was provided by the JPO during the SATAF. The chart in paragraph 5.5 will be updated as soon as accurate information is available from the JPO.

	<u>96/4</u>	<u>97/1</u>	<u>97/2</u>	<u>97/3</u>	<u>97/4</u>
	7/2	0/0	1/1	2/0	2/1
	7/2	7/2	8/2	10/2	12/3
11 RS	<u>01/4</u>				
	8/2				
11 RS - Retain schoolhouse and operational tasking FOC Tgt - 1 Oct 00					
XX RS	<u>01/4</u>				
	32/8				

R& D (JPO)	1 PDAI
11 RS AV/GS	1 PMAI, 1 PTAI
<u>"XX" RS AV/GS 8 PMAI</u>	
Total	10 TAI Systems

5.5 11th RS Mission: Provide long endurance, unmanned aerial reconnaissance, surveillance and target acquisition that produces near real time multi-sensor imagery and intelligence for the war fighter. To achieve FOC, the 11 RS mission will also include conducting Initial Qualification Training (IQT) and Mission Qualification Training (MQT) at Indian Springs Air Force Auxiliary Airfield (ISAFAP), NV. The residual systems from the ACTD will be coded PTAI (TF) training assets. As more systems are delivered, (para 5.4 above) the 11 RS will robust to approximately 120% of capacity (projected 99/1). The next UAV Predator squadron will then stand-up in 99/1 with the majority of those assets leaving the 11 RS enough systems to continue the training mission and limited deployment capability. The 11 RS is projected to be FOC 24 months (011) after creating the second UAV Predator squadron.

5.6 Training: The strategic objective is to keep a close marriage between operations and training. To accomplish that objective, it is imperative that all training be managed by the USAF and conducted based on operational requirements. The Predator concept of operation, being written jointly by USACOM and HQ ACC/XPI (and others), is the baseline to which the training syllabi for pilots and payload operators must be written and executed. ACC/DOU is the office of primary responsibility for establishing training syllabi and training systems development for all functional areas: air vehicle operator, intelligence payload operator, maintenance and communications (operator & maintenance). Conceptually, training will be accomplished as teams or crews. Course completion will be timed such that a crew graduates simultaneously or before a system is delivered from the manufacturer. Annex E (Personnel) outlines in detail the timeline of personnel actions required, including the training flow, to fully man the system as it is procured.

5.6.1 Contractor Assisted Training: The USAF in general and the 11 RS in particular have limited experience in UAV operations. Some level of contractor assistance is required to establish course syllabi and materials, as well as conduct some training. The Predator IPT and the 11 RS will coordinate on MCM 51-50 minimum qualifications required for instructor AVO rating and the need for waivers to that standard for the initial cadre of instructors.

6. PROGRAM MILESTONES: The following outlines the major milestones to support the implementation of this plan. For detailed action item requirements, refer to Appendix 2 to Annex Z.

<u>Milestone</u>	<u>OPR</u>	<u>Date</u>
1. Establish Airspace/Safety Requirement with FAA	HQ ACC/DOR	1 Jan 00
2. AVO & PO-Exploitation Data IQT Syllabi (Final Draft)	ACC TRSS	13 Dec 96
3. Complete EIAP For PAI Increase	HQ ACC/CEV	15 Dec 96
4. Establish Training Program	HQ ACC/PIPT	1 Feb 97
5. Finalize Communications and Information Requirements and Develop Plans for Implementation	HQ ACC/SCC	1 Jun 97
6. Update UMD	HQ ACC/XPM	30 Mar 97
7. Publish G-Series Orders For XX RS Activation	HQ ACC/XPM	30 Sep 98
8. IQT Movement to Indian Springs	HQ ACC/PIPT	22 Nov 96
9. 11 RS IOC Target Date	HQ ACC/DOU	1 Oct 97
10. XX RS Activates	HQ ACC/DOU	1 Oct 99
11. Complete Permanent Facilities (MILCON)	CES/ESP	Phase I 15 Dec 97 Phase II TBD
12. XX RS Target FOC Date	HQ ACC/DOU	31 Dec 98
13. 11 RS Target FOC Date	HQ ACC/DOU	1 Jan 00

#### 7. UNIT RESPONSIBILITIES:

7.1 The 57 WG/CC will appoint an overall program manager who will:

7.1.1 Serve as the field-level focal point for PPlan implementation.

7.1.2 Monitor all actions required by this PPlan.

7.1.3 If needed, develop a unit PPlan or supplement that identifies squadron/base actions/tasks not included in this PPlan.

7.1.4 Work solutions at the unit level and identify specific problems to the appropriate HQ ACC OPR when required.

7.1.5 File monthly progress reports as outlined in Annex Z to this PPlan.

7.1.6 The appointed individual must have a working knowledge of the Access data program and have projected longevity for the duration of the program action. The individual is responsible for tracking and reporting on all unit actions using Access in accordance with criteria outlined in Annex Z - Reporting.

8. HQ ACC PROGRAM MANAGEMENT: Responsibility for attainment of the programmed objectives of this PPlan is assigned to the ACC functional OPRs through the POCs appointed below. The Predator IPT (PIPT), Colonel Barton, is the final Plan authority until the PIPT charter is dissolved.

<u>Annex/Function</u>	<u>Name</u>	<u>OPR</u>	<u>DSN</u>
ACC UAV Program Coordinator	(b)(6)	DOU	574-1634
UAV Force Structure		XPPC	574-4586
Program Manager			
PPlan Administration		XPPX	574-4649
Annex A - Operations		DOU	574-1706

Annex B - Logistics	(b)(6)	LGX	574-4984
Annex C - Training		ACC TRSS	574-9012
Annex E - Personnel		DPCR	574-2727
Annex F - Civil Engineering		CEPR	574-3187
Annex G - Communications & Information		SCCJ	574-0569
Annex H - Safety		SEF	574-7031
Annex L - Security		SPXS	574-2961
Annex P - Intelligence		INXS	574-3642
Annex R - Requirements		DRFR	574-7406
Annex X - Comptroller		FMAO	574-4709
Annex Z - Reporting		XPPX	574-4649

Individuals responsible for functional annexes will:

8.1 Monitor their respective functional annex, including appendices thereof, and ensure all portions are maintained in a current status. Apprise HQ ACC/XPPX, through HQ ACC/XPPC, if any significant changes requiring a revision to the PPlan occur (note: Changes in the status of the action items are covered in Annex Z, Required Reports, and do not constitute required changes to the PPlan).

8.2 Coordinate as necessary with other ACC staff agencies and field-level counterparts to ensure the accomplishment of all PPlan action items within their area of responsibility, as outlined in the appendices to their respective functional annex.

8.3 Adhere to reporting guidance as established in Annex Z, Required Reports.

9. CHANGES TO PPLAN: This plan of action is volatile and may change several times during execution. It is a living document. Users of this PPlan may forward recommended revisions to the basic plan to HQ ACC/XPPX. Recommended changes to the functional annexes should be directed through the appropriate HQ ACC functional OPR as listed on the preceding page. HQ ACC Predator IPT (PIPT) (b)(6) is the final approval authority for the Predator program. All staff agencies will coordinate with the PIPT chief and submit changes to XPPC/XPPX for PPlan updates.

**APPENDIX I, BASIC PLAN**  
**SATAF EXECUTIVE SUMMARY**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/XPP**

**GENERAL**

No showstoppers were identified at SATAF III. However, two issues were deemed as high interest items. 1) Long-term shortage of INXXXs is still a problem and will continue to be a problem. 2) Delivery of TROJAN SPIRIT communications vans will not be available in FY97. This will delay any further delays until deliveries of TS II begin

HQ ACC/XPP convened a SATAF at Nellis AFB, NV from 2 - 5 Dec 96. The SATAF developed a long term plan to activate and manage the 11RS at Indian Springs Air Force Auxiliary Field. (SATAFs are evaluated by): Operations, Logistics, Facilities, C4I, Security, Medical, Services, and Manpower/Personnel. Functional areas using the following scale:

<b>GREEN</b>	Program or action on track, objective and timing attainable
<b>YELLOW</b>	High risk workarounds and/or insufficient information available for program assessment
<b>RED</b>	Program or action objective will not be attained and/or prescribed timelines will not be met

**OPERATIONS**

OPERATIONS is assessed as **GREEN**. Implementation of the TRSS developed training program and the procurement of simulators are the major action items continued from previous SATAFs. We are on track to make the class 97-02 the first full sized training Team. ACC/DOU is completing a study for an interim AVO simulator procurement parallel to the JPO effort. A fully integrated AVO/PO simulator is the long term goal. Predator is able to successfully train and operate at Indian Springs under the current airspace policies. However, FAA airspace issues for UAV operations outside of military restricted airspace remain and are being worked by HQ AF/XOOA. ACC/DOR will continue to push Predator airspace requirements in conjunction with the Global Hawk and Darkstar programs. Organic weather support will be embedded into the 11RS. ACC is proceeding with sourcing of weather personnel and equipment.

**LOGISTICS**

LOGISTICS is assessed as **GREEN**. Training Detachment 13 has been given approved by HQ AETC to begin course validation using COTS manuals with the 6 Jan 97 class. Validation of the Tech Data is planned to begin in Feb 97 with the verification planned to begin in Jun 97.

**MANPOWER/PERSONNEL**

MANPOWER AND PERSONNEL is assessed as **GREEN**. The current and proposed manpower document was reviewed by unit personnel. Recommended changes included minor AFSC adjustments, adding weather and power production expertise to the deployment packages (UTC), and adding UAV manpower authorizations to various wing, group(s), support squadron(s) functions. Base Operating Support requirements generated by the programmed build UAV were also addressed. The inbound of personnel is enough to keep the 11RS on track to support their

current deployment and training schedule. Additionally, the minor changes being made to the UMD will not have an impact since Nellis AFB and ACC currently have enough personnel to support the changes.

### FACILITIES

FACILITIES is assessed as GREEN. There were no major changes to the facility plan that was developed during SATAF I & II. However, some minor adjustments were made to accommodate new IQT training requirements. The Environmental Analysis was completed and signed on 3 Dec 96. A Finding Of No Significant Impact (FONSI) was the determination. To date, 13 FY96 O&M facility projects have been funded and completed at an estimated cost of \$2.4M. In addition, there are 4 FY97 O&M projects at an estimated cost of \$1.4M that will be ready to advertise in early FY97/2 and funds should be available. A total of 5 MILCON projects were previously identified and validated at an estimated cost of \$29M. There is one project in FY97 and three in FY99 that are currently funded. During this SATAF the team and base personnel determined that ISAF AF will have a long term MILCON requirement to construct a new Dining facility. This is a result of the continued growth of Silver Flag Alpha mission, UAV beddown, contractors and increased activity out in the range. Estimated cost for this requirement is \$3.5M.

### SERVICES

SERVICES support is assessed as GREEN. Short term dining and recreation requirements have been identified. Funding for dining facility renovation, recreation/fitness renovation and AFFES support projects have been obtained. Long term feeding requirements cannot be supported with existing facilities. A new dining facility project should be planned and submitted in the MILCON outyears.

### COMMUNICATIONS

COMMUNICATIONS is assessed as YELLOW. A lack of funding is jeopardizing timely completion of several key fixed communications infrastructure projects required to successfully beddown the 11 RS (and future second Predator squadron) at Indian Springs AF AF. Additionally, the delivery schedule of deployable satellite communications systems is needed to ensure HQ ACC and 11 RS are aware of extended tether and Synthetic Aperture Radar capability for newly delivered Predator systems. 99 CS/SCXR will continue to accept and process 11 RS communications requirements documented on AF Form 3215s; however, these requirements need to be finalized and funded with as much lead time as possible to satisfy customer requirements. Many of these projects require engineering and installation team visits to develop technical solutions and costing and need long lead times to order required materiel and obtain collateral support from other agencies, such as Civil Engineering.

### SECURITY

SECURITY is assessed as GREEN. The recent ACC decision to protect the Predator "system" in CONUS under the resources protection program significantly reduces the scope of physical security programming at Indian Springs. The protection of the system focuses more with the 11 RS and the effectiveness of the unit's security education and motivation program. The Security Working Group reviewed all past SATAF action items and reaffirmed their closure. During this SATAF the Security Working Group worked diligently with the Facilities Working Group to accommodate the immediate needs of the 11 RS for temporary classroom space to get pilot and payload operator training started as soon as possible. Classroom space was located and the 99 Ground Combat Training Flight agreed to provide workarounds for their students until the 11 RS permanent training facility is completed (FY97 MILCON). The temporary sharing of classroom space will be formally agreed to in a Memorandum of Agreement between the 11 RS/CC and 99 SPS/CC.

## INTELLIGENCE

INTELLIGENCE is assessed as GREEN. Several issues were identified that affect the 11RS ability to effectively train assigned intelligence personnel. None of the issues were determined to be critical. The most difficult issue to resolve involves identifying the total number of assigned INIX1, Imagery Analysts, who will participate in the Feb 97 Initial Qualification Training class. A secondary issue was raised regarding the lack of SCI coded billets for several inbound intelligence personnel. The billets were identified on the Unit Manning Document and will be changed to reflect the proper code upon the SATAF teams to Langley AFB. Overall, there are no intelligence working group issues that would affect the training or beddown of the Predator system at Indian Springs.

## FINANCIAL MANAGEMENT

FINANCIAL MANAGEMENT is assessed as GREEN. A separate OBAN will enable the Det to receive ACC funds. The Moody budget office will provide support for Resource Management training as required.

## OVERALL SATAF ASSESSMENT

The overall SATAF is YELLOW. Lack of deliveries of Predator SATCOM systems (i.e. TROJAN SPIRIT or TDC) is a potential showstopper. The 11 RS will not be able to deploy any additional systems until delivery of deployable SATCOM systems resumes. Longterm INI (Imagery Exploitation Analysis) is still viewed as a problem.

ANNEX A  
OPERATIONS  
ACC PROGRAMMING PLAN 97-03

OPR: HQ ACC/DOU

1. PURPOSE: Provide the 11th Reconnaissance Squadron with guidance and tasking for initial Predator operations. This program will enable the 11th RS to assume operations for Joint Endeavor and establish a core of knowledge necessary to attain IOC by 1 Oct 97. The long term objective is to normalize operations. Standup of the second operational squadron in FY99/2 marks FOC for the Predator MDS and the capability to provide a some level of support to all theaters.

1.1 The link between Predator training and operations is especially acute as a result of the ACTD process. The Warfighters were prematurely exposed to the Predator before a support system had been devised to field it. Nonetheless, the operators expect Predator to perform. While it is generally understood that training leads to operations, the ACTD did not create a sustainable training program nor explain to the Warfighters how the process needs to be supported.

1.2 The ACTD failure to address long term training issues has nearly crippled initial operational capability and has impacted the FOC date. Our intent is to provide full Predator operations as soon as possible with competently prepared crews.

2. SPECIFIC OPERATIONS GUIDANCE:

2.1 ACC/DOU is the OPR for this annex. ACC/DOW is OCR for para 4.

2.2 Maintain the capability to deploy an operationally ready system world wide as tasked.

2.3 Ensure the 11 RS is fully manned and trained to meet operational requirements and to split off a second squadron when sufficient systems are available.

3. RESPONSIBILITIES AND ACTIONS:

3.1 ACC/DOU will:

3.1.1 Organize and lead the Predator IPT to normalize the system. The IPT was established 1 Jul 96.

3.1.1.1 ACC assumed the Predator program lead on 1 Jul 96 as executive agent.

3.1.1.2 The JPO will be assisted by an Air Force SPO.

3.1.1.3 USACOM relinquished its ACTD role to train, equip, and man the Predator program on 1 Jul 96.

3.2.1 Facilitate a standard deployment process for the 11RS Team 1.

3.2.1.1 Provide a Deployment Manning Document (DMD) to DPW NLT 15 Aug 96.

3.2.1.2 Coordinate with XPM, DPA, DPW, and the 11RS to create the DMD.

3.2.1.3 Coordinate with LGR, LGX and the 11RS to create the required equipment lists and finalize the UTC.

3.2.1.4 Complete all actions prior to the submission date to DPW. TPFDD AFR11 has been established against the 3RZ99 UTC for this deployment.

3.2.1.5 A Mission Capability statement was submitted in Nov 95 and approved by the Air Staff in Feb 96. DOC statement approved by ACC/DO 28 Oct 96.

3.2.1.6 11RS began SORTS reporting on 1 Nov 96. Ensure reporting accurately reflects 11RS status. Do not let deployment preparations drive actual SORTS reporting.

3.2.2 11RS will:

3.2.2.1 Deploy to Joint Endeavor NLT 31 Aug 96 to assume operations from the Army on 2 Sep 96.

3.2.2.2 HQ ACC/DPA has identified 11RS deployment members to USACOM J-1 and any personnel shortfalls have been covered by extending ACTD personnel through the projected return date.

3.2.2.3 The 11RS will submit personnel and mission equipment lists and load plans to ACC/LGR, DPW and DOU as soon as possible. UTCs and the DMD must be finalized and submitted at least one week prior to deployment departure date.

3.2.2.4 The 57 WG will ensure specialized IFOR training is given to all deploying 11RS team personnel (to include attached multi-service personnel) at Nellis AFB prior to departure or at Ramstein AB, GE. Contact HQ/USAFE Disaster Preparedness for IFOR training criteria, course training plan and materials. This training course will be incorporated into MQT.

3.2.3 Initial Operational Capability (IOC). Projected IOC is 1 Oct 97 based upon the availability of trained personnel, operational systems, and logistics support. Extension of NOMAD ENDEAVOR may delay IOC.

3.2.3.1 11RS Team 1 will comply with all RECON format reporting requirements as outlined in JCS Pub 1-03.9 RECON Message Formats. RECON reporting commenced on 2 Sep 96. Continue to comply with theater reporting procedures.

3.2.3.2 The 11RS Team 1 will be attached to the 4400th OSS, 16 Air Force, USAFE for the duration of deployment to Taszar. The 4400th is in place at Taszar.

3.2.4 Redeployment of 11RS Team 1 has not been established.

3.2.4.1 USACOM, EUCOM, and USAFE are responsible for the timely redeployment of 11RS Team 1. ACC will provide support as needed and requested.

3.2.4.2 If the 11RS is extended for Joint Endeavor operations, Team 2 will complete training and deploy to arrive NLT 5 Dec 96.

3.2.4.3 Extension of the 11RS to Joint Endeavor will alter and delay all proposed training and operational planning in this document. MQT and CT program development may be suspended indefinitely.

3.2.5 HQ ACC and USACOM J-3 will make every effort to prevent the deployment of the 11RS and Predator systems or assets prior to IOC. This moratorium starts with the return of the 11RS Team 1 personnel and assets from Joint Endeavor and should last at least one year.

3.2.5.1 Optimum time for 11RS training and build up is 12 months, 9 months is the absolute minimum.



3.2.5.2 Three complete deployment teams are the absolute minimum essential to sustain one operating location continuously.

3.2.5.3 Three teams will be trained and available to support overseas operations by FY97/4. Only one system will be available for deployment and exercise until FY98/1.

3.2.5.4 Testing and future payload integration will not displace training during the deployment moratorium.

3.2.6 HQ ACC/DOU is responsible for creating operating instruction regulations for the Predator MDS. Use of Army Standard Operating Procedures may be used along with information and reports from AFOTEC and DESA.

3.2.6.1 AFOTEC and DESA will provide ACC/DOU, LGRR, and INXS with copies of all Predator reports and information data bases.

3.2.6.2 US Army INSCOM will provide ACC with like information and copies of all maintenance and operational records from the ACTD deployments.

3.2.6.3 Contractor will provide system operating publications to 11RS and HQ ACC DOU, LGRR and INXS.

3.2.6.4 11RS Team 1 will draft interim operating and maintenance procedures during the deployment to Joint Endeavor. ACC will use this document as a baseline for future operating instructions.

3.2.6.5 ACC/DO approved operating instructions should be fielded prior to 11RS returning to operational deployment status. Initial drafts will be delivered by Jul 97.

3.2.7 HQ ACC/DOSB will continue with development of a flying hour program for Predator. Work closely with DOU and DOB in this effort.

3.2.8 HQ ACC/SE will continue to establish a separate flying safety program for Predator operation. Work closely with DOU and DOSB to accomplish this task.

3.2.9 HQ ACC/DOR will continue working with FAA Headquarters on a unified set of rules and procedures for UAV flight operations in the CONUS outside of military airspace. DOR is also responsible for working with ICAO to establish similar procedures for OCONUS flights.

3.2.10 USACOM J-22 is further developing an ACOM Predator ACTD JOINT CONOPS to become the fielding CONOPS for all Joint Predator operations. This Joint CONOPS is being developed with inputs from all services. ACC will not support the development of a forward control concept or any plan that transfers TACON of the Predator to another service or service's ground or airborne control station.

3.2.10.1 ACC/XPJC has lead for inputs and will work closely with USACOM J-22 on Joint CONOPS development.

3.2.10.2 An updated ACC CONOPS must be fielded as soon as possible. XPJC and DOU will refine the existing ACC Endurance UAV CONOPS and update as necessary. Have the update approved and fielded by 1 Jan 97.

3.2.10.3 ACC Endurance UAV CONOPS will address echelons below Corps support. Reference to the Forward Control Element (FCE) will not be addressed.

3.2.10.4 The current USACOM CONOPS with EUCOM modifications will be used for Joint Endeavor operations until superseded by a new AF CONOPS release.

### 3.3 Full Operational Capability (FOC).

3.3.1 FOC is planned for FY99/2 when 9 teams have been fully trained, 26 aircraft and 8 ground control stations have been delivered. HQ ACC/DO, DP, IN, LG and the JPO will closely monitor the build up and facilitate this action.

3.3.2 ACC will stand up a second Predator squadron by growing the 11RS to 120% manning and carving out the second unit. The second squadron will immediately become the operational squadron at Indian Springs. The second squadron will begin operations with 7 teams 4 ground control stations and 18 aircraft. The squadron will grow to 20 aircraft, 5 ground control stations and 10 teams.

3.3.2.1 ACC DP will identify and assign personnel to form an operations staff NLT 1 April 98.

3.3.2.2 Second Squadron Ops staff personnel requiring training will enter IQT/MQT NLT 1 Jul 98.

3.3.3 The 11RS will become an RTU squadron. It will begin its new tasking FY99/2 with 8 aircraft, 3 ground control stations and 2 training teams.

3.3.3.1 11RS will maintain a capability to deploy one system until FY99/4.

3.4 Vehicle delivery schedule as currently planned will adequately meet the training schedule and team production.

3.4.1 The first Post ACTD system to be delivered is scheduled for FY97/4 and will be operated by IQT class 97-02I graduating Team 3. The FY97 deliveries are not production systems. LRIP production decision is slated for FY98/2.

3.4.2 The standup of the second squadron will be complete with the delivery of two aircraft in FY99/2. It will have 20 aircraft and 5 ground control stations.

3.4.3 11RS RTU will receive the remainder of deliveries until the last vehicle in FY01/3. It will have 23 aircraft and 5 ground control stations.

3.4.4 This delivery schedule may be altered to deliver more ground stations to allow expedited fielding of Predator Teams. Delivery delays may slow down the training program.

3.5 Limited exercise participation may commence NET 1 Oct 97. Experience and procedures gleaned from exercise participation will be used to refine training, operations, and CONOPS instructions and procedures.

3.5.1 Exercise participation will not exceed one exercise per quarter until FY99/1 based upon system and personnel availability. Exercise participation will not supersede IQT requirements.

3.5.2 Deployment for OCONUS exercise participation will be limited to one event after FY97/4 and two per CY after FY98/4.

**4. WEATHER SUPPORT:** This section identifies the organizations and actions required to provide meteorological support to Predator operations, both in-garrison and deployed. The Predator system, like all other aviation systems, is directly affected by the environmental conditions in which it operates. In fact, Predator mission success is very environmentally-dependent since the air vehicles are extremely weather-sensitive and the onboard sensors have a narrow window of favorable weather conditions in which to maximize their capabilities. Thus, accurate, timely, and

reliable meteorological support is essential to every facet of Predator force planning, training, deployment, employment, system design, and evaluation.

#### 4.1 REFERENCE: ACCI 15-150: ACC Weather Operations

#### 4.2 SPECIFIC METEOROLOGICAL GUIDANCE:

4.2.1 Concept of Operations: ACC weather units will be responsible for providing primary meteorological assistance to the Predator system. A Predator weather support team, comprised of meteorological personnel assigned or dedicated to the 11 Reconnaissance Squadron (11RS), will be the focal point for developing and coordinating routine and contingency support activities. Other ACC units will augment the 11RS weather team when necessary. The OPR for this annex is HQ ACC/DOW

##### 4.2.2 Tasks and Responsibilities:

##### 4.2.2.1 ACC Weather Division (DOW) will:

4.2.2.1.1 Monitor the support provided to the Predator, ensuring that it meets ACC and Air Force Weather (AFW) directives and procedures.

4.2.2.1.2 Work with 11RS, 57 WG, and HQ ACC staffs to establish the weather manpower, equipment, and training requirements for in-garrison and deployed support to Predator.

4.2.2.1.3 Provide weather-related planning information (climatological studies, site surveys, etc.) to HQ ACC and other Predator agencies.

4.2.2.1.4 Coordinate the movement of augmentation weather personnel and equipment for Predator deployments.

4.2.3 11RS Weather Support Team will develop a weather support plan for Predator operations. Among the topics the plan should address are:

4.2.3.1 System weather sensitivities.

4.2.3.2 Preparation and issuance of current weather and climatological forecast products and briefings for Predator operations and planning actions.

4.2.3.3 Meteorological watch, airfield observations, and weather advisory criteria and procedures.

4.2.3.4 Weather data distribution architecture, both in-garrison and deployed (e.g., AWDS, SIPRNET, SATCOM, etc.).

4.2.3.5 Personnel, equipment, and training requirements.

##### 4.2.4 Additionally, the 11 RS Weather Support Team will:

4.2.4.1 Act as 11 RS OPR for weather issues, coordinating with and requesting assistance from higher headquarters as necessary.

4.2.4.2 Maintain personnel and equipment readiness for deployed operations IAW ACC directives.

5. This plan of action is volatile and may change several times during execution. It is a living document. Changes and modifications to this plan should be identified to HQ ACC/DOU, (b)(6), DSN 574-7983.

**APPENDIX 1, ANNEX A**  
**OPERATIONS AND SURGEON GENERAL WORKING GROUP MINUTES**  
**ACC PROGRAMMING PLAN 97-03**

**OPRs: HQ ACC/DOU and HQ ACC/SGMS**

1. WORKING GROUP CHAIRMAN: (b)(6) HQ ACC/DOU,  
 E-Mail - (b)(6) hqaccdo.langley.af.mil  
 ((b)(6) HQ ACC/SGMS, 574-7874 ext. 2245)

2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>FAS</u>	<u>DSN</u>
<u>OPs Working Group</u>			
(b)(6)	Captain	HQ ACC/DOU	574-1774
	Captain	HQ ACC/TRSS	574-9012
	Contractor	HQ ACC/DOU	574-1706
	Contractor	GA-ASI Inc.	619-455-2691
	Contractor	Battlespace, Inc.	703-413-0556
	Contractor	Battlespace, Inc.	703-413-0556
	GS	HQ ACC/DOR	574-7552
	Contractor	GA-ASI, Inc.	619-455-2691
<u>SG Working Group</u>			
(b)(6)	CMSgt	HQ ACC/SGOC	574-7874 ext. 2214
	GS	HQ ACC/XPMRM	574-5021
	Lieutenant Colonel	ISAF/CC	652-0201
	Lieutenant Colonel	99MDG/SGMS	348-2534
	CMSgt	99MDG/MDOS	348-2004
	MSgt	11RS	348-3300

3. AGENDA: Close previous open action items or transfer to SATAF III. Identify new or additional action items tied to 11RS training and operations bed down at Indian Springs AFAF. Coordinate with other action groups to ensure cross flow of information and proper OCR is identified.

4. ACTION ITEM STATISTICAL SUMMARY:

4.1 Action items opened: 7 OPs/3 SGs

4.2 Action items closed: 1 OPs/0 SGs

4.3 Total action items open/continuing: 6 OPs/3 SGs

5. PRESENTATIONS: None

6. DISCUSSION: The OPs group meeting opened with representatives from ACC/DOU, ACC/DOR, ACC/TRSS, General Atomics Aeronautical Systems, Inc., and Battlespace, Inc. present. Weather manning and equipment issues will be included in this OPs section for this SATAF. During the course of the meeting, representatives from ACC/INX, ACC/LGX, and ACC/SCC attended for coordination and clarification. All previous OPs action items from PPlan 96-11 were closed. Items OP-201 "Establish UAV Operator Training Pipeline" and OP-203. "Procure a Simulator for Predator Training" were re-opened in the PPlan 97-03. ACC/TRSS and ACC/DOU are engaged to finish the training syllabus and have an interim simulator available for class 97-02. Several new action items were opened. The most pressing issue is the development of command guidance, instructions, regulations, publications

for the RQ-1A (Predator) system. 11RS provided a list of publications that were required (or needed amendment) for UAV operations. Four weather actions were created dealing with ownership of the manning billets, procurement of weather equipment, and COMSEC requirements. Additional sidebar discussions were held with ACC/INX on the training flow plan for Payload operators. ACC/SCC outlined the plan to establish organic Trojan Spirit II training in the 11RS. The OPs action group is on track to establish an Air Force approved training program with Class 97-02. The simulator procurement while highly desired may not be procured in time for this class. Regulations are on track for a Jul 97 review and 1 Oct 97 implementation. FAA airspace issues with UAV operations outside of military restricted airspace are being worked by HQ AF/XOOA and are not deemed critical to Predator operations. ACC/DOR and the ACC/FAALO will continue to monitor UAV airspace issues as well as pursue ACC requirements within the FAA.

6.1 The SG working group discussion centered around the coordination of medical resource utilization between the 99MDG, ISAF and the 11RS. The establishment of a memorandum of understanding (MOU) between the three agency's will facilitate the needed coordination and provide a reference document for all parties. Also discussed the communication equipment problems that need to be worked to ensure there is total coverage of the range. Both of these items generated action items for tracking purposes only. ACC/SGOC did not see either of these issues as show stoppers to the UAV program siting at Indian Springs.

7. CONCLUSION: OPS is on track for implementation of an Air Force approved training program. Interim Training Operations at Indian Springs will provide the first AF cadre to supplement the contractor for class 97-02. The Medical area is evaluated as GREEN. If the MOU is not completed it could prevent optimum utilization of medical resources. If the communication problem is not resolved there is the potential for the loss of life or limb, in the event of an accident, but workarounds are in place until a more effective means of communicating is worked out.

**ANNEX B - LOGISTICS**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/LGR**

1. **OBJECTIVE:** To establish procedures, provide guidance, and assign responsibilities to normalize the acquisition and sustainment of the Predator, Unmanned Aerial Vehicle (UAV) weapon system. The weapon system will be operated and maintained by the 11th Reconnaissance Squadron (RS) at Indian Springs Air Force Auxiliary Field, NV. A logistics support concept must be developed to effectively support the Predator weapon system both short and long term. Short term plans will address transitioning from Advanced Concept Technology Demonstration (ACTD) to standard Air Force operations. This transition period must be supported with the same level of support found during the ACTD with a mix of contractor and military support. Long term plans will address a maintenance and support concept to sustain the weapon system optimizing both organic and contractor capabilities.

2. **SPECIFIC LOGISTICS GUIDANCE:** To support this objective, the following guidance is provided to ensure the successful implementation of the normalization plan. All previous SATAF I & II actions must be reviewed and all critical items completed to ensure a smooth transition from Advanced Concept Technology Demonstration (ACTD) to standard Air Force operations. The basic plan, this annex, and other annexes are complementary and must be used together to ensure timely completion of required actions. Logistics problems must be identified immediately to the functional area managers for timely response. Direct coordination among all staffs is encouraged to ensure effective and timely completion of all tasks. A close link among HQ ACC, 57th Wing, the 11 RS, and JPO/SPO personnel is essential in accomplishing plan objectives. The OPR for this annex is HQ ACC/LGR. This annex will not be changed without their approval.

3. **RESPONSIBILITIES:**

3.1 Policy: The Maintenance Management and Training Division, LGQ will provide the following support:

3.1.1 LGQP will ensure any policy changes and/or development are accomplished. It will also coordinate on and publish the Minimum Equipment Subsystem Listing (MESL).

3.1.2 LGQM will ensure the information system to support data collection is in place to support operations at Indian Springs and deployed locations. This will include the development of Technical Orders, a Work Unit Code (WUC) manual, and other management tools necessary to support the weapon system.

3.1.2.1 Full contractor support will be required throughout the Technical Order development process, in accordance with TO 00-5-3.

3.1.2.2 A full set of Organizational level T.O.'s are required to troubleshoot, inspect, and fault isolate to support a two level maintenance concept. Technical Orders required include Job Guides, Inspection Workcards, Wiring Data, General Vehicle, Fault Reporting, Fault Isolation, and General System. Commercial-Off-The-Shelf (COTS) Technical Data can be substituted for Military Specification compliant Technical Orders if the level of detail is sufficient for the users to perform maintenance, unaided by contractor support.

3.1.2.3 Connectivity to CAMS/REMIS at the Nellis AFB BNCC/DMC. This includes CAMS Infoconnect and REMIS software.

3.1.3 ACC/LGQT will ensure a maintenance training plan to accomplish training, to the certified level is developed to meet mission requirements. Identify and ensure training assets are in place, to include technical data and course material requirements are identified and available for maintenance training.

3.1.3.1 Bed-down training assets at Indian Springs. AETC/TD will verify courses material and procedures on-equipment. TD will train its first class 3 Feb 96.

3.1.3.2 Identify training, equipment, and tech data deficiencies during ICS period.

3.2 Maintenance: The Special Mission Aircraft Division, LGR will ensure maintenance support is adequate to support operations at the Main Operating Base (MOB) and all Forward Locations (FOL) IAW ACCI 21-166, through the following:

3.2.1 Review Statement of Work (SOW) to ensure adequate contractor maintenance and engineering support is available to support operations and training during the Interim Contractor Support (ICS) period.

3.2.2 Develop a maintenance concept based on lessons learned from the ACTD, supportability assessment, and IIRS experience with the system to outline the most efficient method for long term support.

3.3 Supply:

3.3.1 The Supply Division, LGS will assume the Operating MAJCOM/LGS duties outlined in DODR 5000.2 and AFM 23-110 to ensure supply support for the weapon system is adequate to support operations.

3.3.2 Tasks that involve immediate sustainment and acquisition of new weapon systems are well outside of the scope and capabilities of the operating/using MAJCOM's Supply Division. Therefore, this plan's success hinges strongly on the OPR's buy-in and meeting projected dates.

3.4 Transportation: The Transportation Division, (LGT) will monitor all transportation actions generated by this plan and provide guidance/assistance, as necessary, to ensure compliance.

3.5 Logistics Plans:

3.5.1 The Logistics Plans and Programs Division, LGX will review SATAF reports and ensure plans are updated and all critical actions are completed prior to bed-down.

3.5.2 The Combat Deployments team will provide oversight and management of pilot unit reporting to include quarterly LOGDET reporting for all UTCs having pilot unit responsibilities.

3.6 The 11th Reconnaissance Squadron: Will develop the LOGDET and MANFOR for the UTCs which they are assigned pilot unit responsibilities.

3.7 Joint Program Office (JPO)

3.7.1 The JPO, working in conjunction with ASC/RAR, will provide weapon system sustainment:

3.7.1.1 Establish short term logistics support plan to cover transition period of one to two years which will be supported by a mix of ICS and blue suit maintenance and support.

3.7.1.2 Extend existing ACTD support contracts to prevent break in services. Develop SOW to define contractor requirements for the ICS period. Tailor SOW as IIRS gains capability.

3.7.1.3 Develop long term logistics support plan with well defined contractor requirements based on lessons learned during ACTD, ICS period, and IIRS experience.

3.7.2 The JPO will assume responsibilities as outlined in DODR 5000.2 and AFM 23-110 for establishing Interim Contractor Support (ICS), when required for receiving new weapon systems into the inventory. The JPO

will determine IAW AFI 21-102, if the weapon system support will ultimately be Contractor Logistics Support (CLS) or transition to organic.

3.7.2.1 The JPO will work closely with General Atomics, ASC/RAR and ACC, to develop the best means of supporting the Predator program. The JPO/ACC/ASC will determine the requirements for sustainability of the UAV. They will develop a support structure for supply of spare parts as well as the support equipment required to sustain the UAV system.

3.7.2.2 The JPO will need to establish post-ACTD supply support for the Predator either through modifying the current contract, extending the existing basic ordering agreement, or establishing a new contract. The JPO/ACC/ASC will be required to determine the amount of support equipment, consumable and non-consumable spares required to support day-to-day home station operations at Indian Springs and a 30 day deployment package for each deployable system.

4. ACC LOGISTICS PROGRAM MANAGERS:

Policy	LGQP
Training	LGQT
Info Systems	LGQM
Maintenance	LGRR
Supply	LGSWG
Transportation	LGTR
Logistics Plans	LGXX
11RS	MA
SPO Liaison	ASC/RA

(b)(6)

DSN 574-5502  
DSN 574-2102/3016  
DSN 574-2260/3685  
DSN 574-4984  
DSN 664-1109  
DSN 574-4202  
DSN 574-3419  
DSN 574-3919  
DSN 682-0255  
DSB 785-3584/4031



**APPENDIX 1, ANNEX B**  
**LOGISTICS WORKING GROUP MINUTES**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/LGX**

1. WORKING GROUP CHAIRMEN: (b)(6) HQ ACC/LGX, DSN 574-3919, email:  
 (b)(6)@hqacc.lg.langley.af.mil

2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>DSN</u>	<u>FAS</u>
(b)(6)	TSgt	682-2641	372 TRS / Det 13
	TSgt	682-2496	57 LSS / LGLT
	Capt	682-2670	372 TRS / Det 13
	CMSGT	682-0335	11 RS/MA
	MSGT	682-0498	11 RS/MAS
	MSGT	682-0498	11 RS/MAS
	TSGT	682-2641	372 TRS/DET 13
	CMSGT	682-2670	372 TRS/DET 13 CCS
	GS-12	763-4443	372 TRS/UAV
	SSGT	682-4949	57 LG
	CAPT	682-4072	57 LG/LGQ
	ILT	682-7416	99 TRNS/LGTL
	SRA	682-2036	99 TRNS/LGTL
	WS-7	682-6057	99 TRNS/LGTTS
	MSGT	682-7719	99 TRNS/LGTTS
	GS-12	574-9366	ACC LSG/MSO
	GS-13	574-9366	ACC LSG/MSO
	MSGT	574-3132	ACC/LGQM
	MSGT	574-3152	ACC/LGQM
	CMSGT	664-1184 (3606)	ACC/LGR/OL-CC
	MSGT	574-4202	ACC/LGSWG
	TSGT	574-3417	ACC/LGTVO
	LT COL	(937)255-3471	ASC/RAR
	CAPT	785-0343	ASC/RAR
	CIV	682-9013	BATTLESPACE, INC.
	CIV	682-9013	BATTLESPACE, INC.
	CIV	(619)455-4392	GA ASI
	MSGT	574-3016	HQ ACC/LGQT
	ADEX (JPO)	(703)412-8596	LOG
	TSGT	682-5530	LSS/LGLOXC
	MSGT	682-2358	LSS/LSMA
	CIV	(410)765-9530	NORTHROP GRUMMAN, BALTO
	MSGT	682-0240	OLA 99 SPOF/CSP
	GS	987-5801	SFAE-IEW-NV-TS
	GS-13	987-5837	SFAE-IEW-NV-TS

3. AGENDA:

3.1 Introduction of participants

3.2 Outline the focus of SATAF III

3.3 Reviewed open action items from previous SATAFs

3.4 Reviewed Annex B of PPlan 97-03

3.5 Discussed maintenance training

3.6 Split into separate working groups

#### 4. ACTION ITEM STATISTICAL SUMMARY:

4.1 Action items opened:

4.2 Action items closed:

4.3. Total action items open/continuing:

#### 5. PRESENTATION: None

6. DISCUSSION: Opened with introduction of all attending personnel. Upon completion of the introductions, we went over the purpose of this SATAF--which is to successfully stand-up the IIRS with its newly arrived training assets and get the training program off the ground at Indian Springs AFAF. At this time we reviewed the nine open action items and updated them with the latest status. Most were closed and those remaining open were moved to the new PPlan 97-03 with new numbers. Following are the detailed discussions from each working group.

6.1 Supply: Supply key issues deal with the ICS and spare parts, development of an Allowance Standard (AS) for the Predator, Supply support and storage space, and fuel supply.

6.1.1 The Joint Project Office (JPO) PMA 263 is responsible for establishing ICS support. This can be accomplished by modifying the current contract, extending the existing contract, or establishing a new contract.

6.1.1.1 The JPO must establish more exacting Contracted Supply Support for the air vehicle and ground control station to ensure the IIRS gets the type of support it needs. It was initially believed an action item should be submitted for ASC/RAR to help facilitate and expedite this process. Further discussions revealed this to be more a part of the Acquisition Strategy and ASC/RAR will continue to pursue this matter.

6.1.1.2 Since supply support is expected to be contracted for the life of system, a long term, CLS contract may be more advantageous to the government and this program.

6.1.2 The Trojan Spirit II (TSII) along with the air vehicle and the GCS, that downloads and disseminates imagery is Government Furnished Equipment (GFE). HQ ACC/SC established a MOU with the Army CECOM to provide spares and repair support through a series of Regional Support Centers (RSC). There are approximately 30 national stock numbers the RSC's won't support, so the IIRS would need to go directly to DOD depot for support. ASC/RAR is working to have the Air Force cataloged as a user, to prevent cancellation of IIRS spares requisitions for the TSII.

6.1.3 HQ ACC/LGSWG's (b)(6), IIRS supply representatives, (b)(6) and 99 LGS supply representative, (b)(6) discussed the supply support concept, consumption data collection, ISSL's, equipment authorization/accountability as well as several other issues.

6.1.4 Using an AF provided system like Big Safari and a DODAAD to manage assets, the contractor would be the focal point for the Predator system. The Contractor must build and maintain deployment

support kits for the air vehicle and GCS. The Trojan Spirit's Non-RSC supported items along with the various payload items should also be included in these kits.

6.1.5 Supply support and storage/warehouse space: The 11RS has coordinated with 99 Supply and established their requirements for supply support. Connectivity between Base Supply and Indian Springs using the SBSS is in place.

6.1.5.1 The 11RS has sufficient storage space for a supply contractor to operate from and the mobility bins are available to support the 8 PMAI and 1 PTAI systems.

6.1.5.2 The 11RS is inventorying the spares and SE they received along with the system from Ft Hauchuaca to support the training system.

6.1.5.3 For the current tasking of 566 personnel build up being assigned to the 11RS, Base Supply has storage space available for storing mobags and mobility weapons. Previous SATAF's identified excess bags from the stand down of the 561FS be transferred to the 11RS without impact to the 99SUPS. The 99SUPS raised a concern over a recent HQ ACC/LGS and LGX message reducing their mobag authorization. The 99 SUPS can support current manning level through 10% cushion. The 99 LGX needs to submit authorization changes to HQ ACC/LGX for the 11RS's OPLAN taskings.

6.1.6 Since no existing Air Force system is similar to the Predator, an Allowance Standard (AS), must be developed for this system. An action item was submitted for ASC/RAR to provide HQ ACC/LGSWG and 78 ABW/LGSE the required data to establish an AS.

6.1.7 1100LL AVGAS was purchased on a local contract and the construction of two 5,000 gallon fuel storage tanks is complete. ACC/LGTV coordinated the move of a 600 gallon A1B fuel trailer with HQ ACC/LGSSF for Indian Springs AAF.

## 6.2 Transportation:

6.2.1 Reviewed current vehicle authorizations for the 11 RS. Reduced number of authorizations by 14 based upon current and projected utilization. Main reductions came in the area of refueling support and deployable assets. Reduced deployable asset package to bare minimum as many are gaining theaters responsibility. Will convey updated package to ACC UAV PEM and to HQ AF/XO UAV PEM during the second week of December. Conveyed to the 11th the importance of identifying vehicle requirements during deployment site survey to the appropriate theater representative. Shortfalls should be up-channeled as soon as identified to ensure timely support.

6.2.2 Vehicle requirements for the XX RS must be identified now to guarantee inclusion in the FY 99 POM. Coordinated vehicle requirements for the new organization with 11 RS personnel and based package upon current operations and training requirements of the 11 RS. Provided package to ACC UAV PEM and will provide to HQ AF/XO UAV PEM during the second week of December.

6.2.3 Discussed shuttle service between Nellis and ISAFAF. 11 RS requires transportation for personnel residing in the Nellis area to ISAFAF via a duty shuttle on a daily basis. The 11th is currently utilizing vans to support the requirement. As manning of the 11th increases, the time will come when vans cannot economically support this need nor support the number of passengers utilizing the service. At such time, the 11th will initiate a request to 99TRNS to establish a shuttle service between Nellis and ISAFAF using intercity buses. The 99th currently has assets on hand to support this requirement. If or when utilization of existing assets exceed current capabilities, action will be taken to either lease or buy additional assets.

6.2.4 99 TRNS/LGTT is concerned that the manpower provided via the BOS plus-up for the 11 RS will not be adequate to support the high operational tempo of the unit. 99 TRNS previously submitted a

variance request in support of this requirement but it wasn't approved by ACC/LGTT. 99 TRNS understands that if variances are not approved, degradation of services may occur at the wing level.

6.2.5 99 TRNS and 11 RS have conducted a mobility working group to address the training and equipment requirements associated with the deployment of the 11 RS. Both parties are satisfied with progress to date. 99 TRNS was concerned about the time allowed to deploy the 11th. Coordination between 99 TRNS and ACC/DOU allayed any concerns. An adequate amount of time will be available to support any conceivable deployment scenario. 99 TRNS will work toward building a workable deployment plan and revise training to support the new plan.

6.3 Maintenance Training: The Predator is a non conventional program that has gone from test to deployment without the normal acquisition steps between. We worked an effort to achieve normalcy. Discussions focused on requirements needed to support first validation course scheduled for 6 Jan 97. We developed a day-by-day course requirements listing (see attachment 1) to include Air Vehicle/engine, Support equipment, Ground Control Station, and classroom time/space. Also, we constructed a three Phase AETC Training Detachment one year training plan time-line (see attachment 2) to better visualize and schedule the validation progress.

6.3.1 Technical Data: It is understood that the manuals being used for training will be the same contractor reference materials (diagrams, manuals and checklists) being used by the maintenance effort. Also, until such time that new technical data becomes available and is validated and verified (estimated June-Sept 97), students will not be certified/signed off in training records by AETC Training Detachment (TD) instructors. However, in the interim, students can be tasked certified by contractor personnel. Reproduction of Cable Books will need to be accomplished before the 6 Jan class. This effort will either be accomplished by the TD or QA, but funded by the Wing.

6.3.2 Assignment Availability Codes (AEC): Both TSgt Dodson and TSgt Wanalista's AEC's will run out during July-Aug 97 time frame. The possibility is extremely high that they could receive assignments with report NLT dates as early as Sept 97. As the one year training plan time-line shows, it is critical that both instructors remain with the course validation process for at least the next 2 years. This will allow us to validate courses using verified technical data, train replacement instructors, and train at least 60% of the Trained Personnel Requirement (TPR). We have submitted the required information to HQ ACC/DPAA and the 99MSS/DPM for their action.

6.3.3 Need For Dedicated Air Vehicle (Predator): An action item was submitted to JPO to acquire either vehicle 1 or 4 and miscellaneous throw away parts and pieces to be given to the TD as temporary dedicated training aids. As additional vehicles are delivered to the 11RS, a full up system needs to be dedicated to the TD in order to accomplish and certify task performance objectives.

6.3.4 Status of Training (SOT) Briefing: The Maintenance Training Flight will add the 11RS's preparation status for the upcoming validation course in the Wing/CC's SOT briefing which will be given on 20 Dec 96.

6.3.5 Classroom Requirements: Classroom space at Indian springs is available; however, with the different training efforts competing for space, it is imperative that the 11RS scheduling effort identify the required space as early as possible so training will not be disrupted. For maintenance training, 18 eight hour days and 34 four hour days are required. See attached day-by-day course requirements listing for upcoming 6 Jan class.

6.3.6 Dedicated Vehicle for the TD: A requirement identifying the need for a single vehicle to transport instructors and students to and from Indian Springs has been given to ACC/LGT. Justification is based on fluid training schedules and support equipment availability.

6.3.7 11RS Maintenance Instructors (MI): MI's need to be identified for consideration of replacing the TD instructors and for future adjunct instructor candidates.

6.3.8 3-Levels Within The 11RS: ACC/LGQT, DPAA, XPMR, and 99MSS/DPM, worked a Sept 96 request from the 11RS to exempt 3-levels from the 2A3X3 Crew Chief career field. Justification is that Crew Chiefs are shredded to a particular MDS and are receiving Mission Ready Technician (MRT) training from AETC. MRT training task certifies individuals on a particular MDS for the majority of the 3-level tasks. If we then assign individuals to work the Predator Air Vehicle, we would be doing a disservice not only to the fully qualified A-10, U-2, or EF-111 individual, but also would be wasting precious AETC resident training recourses.

6.3.9 Air Force Engineering and Technical Services (AFETS) and Interim Contractor Support (ICS): As aircraft maintenance AFETS representatives are assigned, we will schedule them for all available Predator training. The goal is to prepare them to assist in the training effort. Also, an ICS proposal is being worked to have available individuals to act as technical advisors to the training effort.

6.4 Although not a part of the SATAF process, but rather an acquisition process, we were able to spend valuable time discussing Spares Kits. With the key players here, they were able to combine data from 4-5 lists into one listing that was subsequently reviewed by ASC/RAR, JPO representative, contractors, 11RS, ACC/LGSW, and ACC/LGR. It is the consensus of this group that the resulting list represents the best data available as to the make-up of the Predator Deployment Spares Package. ASC/RAR will pursue required contractual actions for procurement through the JPO. In addition, the group was able to identify a list of items required to be shipped to the deployed location to fill near term critical needs. This list was forwarded to the JPO on 4 Dec for fill actions.

7. CONCLUSION: Training Detachment 13 has been given approval by HQ AETC to begin course validation using COTS manuals with the 6 Jan 97 class. Tech Data validation is planned to begin in Feb 97 with verification planned to start in Jun 97.

# Maintenance Training Time Line

Page 1 of 2

Pedator O/M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Course A2X40-000																														
Ground Control Station														X												X		X		X
Air Vehicle			X	X	X	X			X	X			X	X		X	X	X		X	X		X	X		X		X		X
Air Vehicle Engine									X																					
Classroom Space	X	X	/	/	/	X	X	X	/	/	X	/	/	X	X	/	/	X	X	/	X	X	/	X	X	/	X	/	X	/
Support Equipment			X	X	X	X			X	X			X	X		X	X	X		X	X		X	X						

Pedator O/M	31	32	33	34	35	36	37	38	39	40		Totals
<b>Course A2X40-000</b>												
Ground Control Station		X	X	X	X	X	X	X	X	X		13 Days
Air Vehicle		X	X	X	X	X	X	X	X	X		27 Days
Air Vehicle Engine												1 Day
Classroom Space	X	/	/	/	/	/	/	/	/	/		40 Days
Support Equipment		X	X	X	X	X	X	X	X	X		24 Days

X = Full day use

/ = Half day use

## Maintenance Training Time Line

Page 2 of 2

Pedator Servicing	1	2	3	4	5	6	7	8	9		Totals
<b>Course A2X40-001</b>											
Ground Control Station						X	X				2 Days
Air Vehicle	X	X	X	X	X						5 Days
Air Vehicle Engine				X	X						2 Days
Classroom Space	/	/	/	/	/	/	/	/	/		9 Days
Support Equipment	X	X	X	X	X	X	X	X	X		9 Days

Flight Termination	1	2	3		Totals
<b>Course A2X40-002</b>					
Ground Control Station			X		1 Day
Air Vehicle	X	X	X		3 Days
Air Vehicle Engine					
Classroom Space	X	/	/		3 Days
Support Equipment	X	X	X		3 Days

X = Full day use

/ = Half day use

### Attachment 2

Time Phased Training Timeline

# TD TRAINING TIME-LINE

Calander Year

97-1	97-2	97-3	97-4	98-1	98-2	98-3	98-4
PHASE I PRE VALIDATION			PHASE II VALIDATION		PHASE III IMPLEMENT TRNG		
					</		



ANNEX C  
TRAINING  
ACC PROGRAMMING PLAN 97-03

OPR: HQ ACC/DOU

1. PURPOSE: Provide the 11th Reconnaissance Squadron with guidance and tasking for a Predator training program. This program will enable the 11th RS to train a cadre of personnel and establish a core of experience and knowledge necessary to attain IOC by 1 Oct 97.

1.1 The link between Predator training and operations is especially acute as a result of the ACTD process. The Warfighters were prematurely exposed to the Predator before a support system had been devised to field it. Nonetheless, the operators expect Predator to perform. While it is generally understood that training leads to ~~operation continuity~~ ~~and~~ ~~maintain~~ a perstempo of 120 days per year.

1.2.4 Three teams will be trained and available to support overseas operations by FY97/4. Only one system will be available for deployment and exercise until FY98/1.

1.2.5 Testing and future payload integration will not displace training during the deployment moratorium.

1.3 USACOM relinquished its ACTD role to train, equip, and man the Predator program on 1 Jul 96.

2. SPECIFIC TRAINING GOALS:

2.1 ACC/DOU is the OPR for this annex.

2.2 Create a normalized Air Force approved initial qualification training program intent on graduating one trained class per quarter beginning FY97/2. This training rate will provide sufficient crews to allow the stand up of a second squadron in FY99/1. Standup of the second operational squadron in FY99/2 marks FOC for the Predator MDS and the capability to provide a some level of support to all theaters.

2.3 Establish a mission qualification training course which will provide mission and/or theater specific training.

2.4 Establishment and execution of a continuation training program.

2.5 Establishment of an RTU squadron.

2.5.1 The 11RS will become an RTU squadron. It will begin its new tasking FY99/2 with 8 aircraft, 3 ground control stations and 2 training teams.

2.5.2 ACC will stand up a second Predator squadron by growing the 11RS to 120% manning and carving out the second unit. Second Squadron Ops staff personnel requiring training will enter IQT/MQT NLT 1 Jul 98.

2.5.3 11RS will maintain a capability to deploy one system until FY99/4.

2.5.4 11RS RTU will receive deliveries until the last vehicle in FY01/3. It will have 23 aircraft and 5 ground control stations.

### 3. RESPONSIBILITIES AND ACTIONS:

#### 3.1 ACC/DOU will:

3.1.1 Direct the move of Initial Qualification Training (IQT) from the Joint UAV Training Center (JUAVTC) at Ft Huachuca AZ to the 11RS garrison at Indian Springs AF Auxiliary Field NV. Movement must take place between class sessions so as to incur minimal contractual costs.

3.1.1.1 Asset movement is complete and training will resume at Indian Springs NLT 9 Dec 96.

3.1.1.2 Ensure the Joint Program Office (JPO) coordinates the movement with the Contractor, JUAVTC, HQ ACC/LGR/XP, 57 WG/LG, and 11RS, costs to be negotiated. HQ ACC/DOT, DOU and TRSS will be kept informed of all actions.

3.1.1.2.1 The JUAVTC will sign over and release all equipment and training material related to IQT at Ft Huachuca to the JPO. JPO will sign over the same to the ASC/RAR at a date TBD.

3.1.1.2.2 Contractor training syllabus and course materials will be used and modified as necessary. TRSS will create an FTU and write Air Force syllabi. All training will conform to ACC standards. 11RS training cadre will identify and report training deficiency areas to HQ ACC/DOT and TRSS.

3.1.1.2.3 Flight manuals and checklists will be modified or re-written to reflect ACC standards for task identification, safety, and clarity.

#### 3.1.2 Plan for and direct training at Indian Springs AFAF.

3.1.2.1 Contractor AVO training will end 31 Dec 97 unless a compelling reason to extend the contract exists. Extension of Predator deployment in EUCom is a compelling reason.

3.1.2.2 First 11RS RTU IQT class will be 97-02I starting 3 Feb 97.

3.1.2.3 First 11RS RTU MQT class will be 97-03M starting 1 Apr 97.

3.1.2.4 AVO training will ramp up to 6 AVOs per class with 97-02I starting 3 Feb 97.

3.1.3 State the requirement for and ensure acquisition of a Predator flight simulation system as soon as possible for IQT and MQT.

3.1.3.1 JPO and ACC/DOST are responsible for procurement of a simulation systems.

3.1.3.2 Consideration must be given to purchasing a General Atomics Predator flight simulator. Two simulators of this type are needed. The current production schedule window has openings in 98/2 and 98/3 when no GCS equipment is delivered.

3.1.3.3 The Greystone Virtual UAV is a suitable simulator for payload operator training and is capable of simulating with future UAV sensors for the HAE programs. Two simulators of this type are needed.

3.1.3.4 DARO and ACC must consider purchasing the proprietary software and system data for the Predator. Outsourcing components and simulators is dependent on this information.

3.1.3.5 Estimates for a simulation system(s) is approximately \$1.0 million.

3.1.4 Determine the most effective method of training Predator crews in Trojan Spirit operations and maintenance and implement a training program.

3.1.5 Review and obtain ACC/DO approval of all training programs.

3.2 ACC/TRSS will:

3.2.1 Lead the effort to stand up the 11RS RTU. ACC/DOU will provide guidance.

3.2.2 Develop and validate a syllabus and courseware for the following courses:

3.2.2.1 Air Vehicle Operator Initial Qualification Course.

3.2.2.2 Payload Operator Initial Qualification Course.

3.2.2.3 Air Vehicle Operator Instructor Course.

3.2.3.3 Payload Operator Instructor Course.

3.3 57WG/11RS will:

3.3.1. The first Air Force sponsored IQT class for air vehicle operators (AVOs) graduated 13 Nov 96 at Ft Huachuca.

3.3.2 Select and identify two qualified AVOs with previous instructor experience in another MDS to become instructor AVOs. These individuals should be selected from ACTD Det 3 returning personnel. They will attend training class 97-IP.

3.3.2.1 Upon graduation and certification as instructors by the 11RS/CC and 57 WG/CC these personnel will form the first Predator Reconnaissance Training Unit (RTU).

3.3.2.2 The instructor candidates in conjunction with the TRSS will begin to evaluate ACC training instruction publications during their formal RTU training. This information will be collected and shared with ACC/DOT.

3.3.2.3 Work with TRSS to create a Mission Qualification Training (MQT) syllabus and training plan. This plan must become operational by 1 Apr 97 in conjunction with the first MQT class 97-02M.

3.4 AETC FD will:

3.4.1 Develop and maintain current lesson plans for instructing maintenance personnel.

3.4.2 Provide instructors needed to teach the maintenance training course.

3.4.3 Identify requirements for training equipment and/or mockups to ACC/TRSS and ACC/DOU.

ANNEX E - PERSONNEL  
ACC PROGRAMMING PLAN 97-03

OPR: HQ ACC/DPC

1. PURPOSE: To define personnel PCS actions, if any, needed to support the 11th Reconnaissance Squadron located at Nellis AFB and Indian Springs Air Force Auxiliary Field.

2. SPECIFIC PERSONNEL GUIDANCE:

2.1 The OPR for this annex is ACC/DPC.

2.2 Commanders will ensure personnel are equitably distributed among their units as mission dictates and verify with the 57 Wing for availability of personnel to PCA before requesting PCS actions from ACC/DPA.

3. RESPONSIBILITIES AND ACTIONS:

3.1 HQ ACC/DPA will:

3.1.1 Accomplish officer and enlisted assignments IAW AFI 36-2110 and in conjunction with update of manpower authorizations.

3.1.1.1 For FY97, assignments selections will be made to maximize training. However, manning will not exceed the command average for each AFSC.

3.2 Monitor manning levels to ensure adequate resources are available to support mission needs.

3.2.1 The 11RS manning levels may be low at different times during FY97 due to training capability.

3.2.2 For FY98 and beyond, manning levels of the 11RS will match systems delivery schedule and manpower authorizations increases. Manning levels will not exceed ACC command average for each AFSC or directed by ACC functional manager.

MILESTONE AND FUNDING ISSUES: None.

APPENDIX 1, ANNEX E  
MANPOWER/PERSONNEL WORKING GROUP MINUTES  
ACC PROGRAMMING PLAN 97-03

OPR: HQ ACC/DPC/XPMR

1. WORKING GROUP CHAIRMEN:

Personnel: (b)(6) HQ ACC/DPAO and (b)(6), HQ ACC/DPAA

Manpower: (b)(6) HQ ACC/XPMR

E-Mail - (b)(6)@hqaccdp.langley.af.mil (b)(6)@hqaccdp.langley.af.mil

2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>FAS</u>	<u>DSN</u>
(b)(6)		99 MSS/DPM	682-9223
		99 MSS/DPM	682-9258
		99 ABW/MQ	682-9069
		57 LG/MS	682-3078
		ACC/LG	574-7874 ext 2245
		99 ABW/MQ	682-9070
		57 LSS/LSMA	682-2358
		99 TRWS/LGTTS	682-6057
		99 TRNS/LGTTS	682-7719
		99 TRNS/LGTL	682-2034
		ACC/SG	574-7874 ext 2214
		ACC/SPXS	574-2958
		ACC/LGQT	574-3016

3. AGENDA:

- a. Unit Manpower Document Review
- b. Outyear Manpower Requirements
- c. Personnel Assignment Status

4. ACTION ITEM STATISTICAL SUMMARY:

- 4.1 Action items opened: 2
- 4.2 Action items closed: 1
- 4.3 Total action items open/continuing: 1

5. PRESENTATION: None

6. DISCUSSION:

a. Manpower. The 11 RS unit manpower document was rescrubbed by unit representatives. Minor AFSC and grade changes were identified. Among those were: adding a comm officer, a maintenance scheduler, and additional IM support. The 24 hour UTC manpower detail was readdressed. Minor AFSC adjustments were made. The new 24 hour UTC total dropped to 58 vice the original 62. Changes included adding weather and power production support and decreasing intel and AGE support. Wing support functions were also addressed. Mission manpower authorizations were added to various wing, group, support squadrons to include ops and maintenance training, analysis, ops and maintenance scheduling, programs, combat plans and mobility, stan eval, weapons/tactics, and QA. A base operating support tail for the mission build was also addressed. An action item was opened to identify

impact by AFSC, grade, and skill by work center/function. This support will amount to approximately 10% of newly added mission manpower authorizations.

b. Personnel. The 11RS inbound personnel were reviewed as well those personnel currently assigned to the 11 RS. The inbound of personnel is currently on track to meet the 11 RS needs. It has been brought up that there may be too many people assigned along with the projected inbound that is currently needed to support the deployment and gainfully employ the personnel at home station. However, the wing is working out a way to utilize the personnel at Nellis AFB if the personnel are not needed at Indian Springs. With the new minor changes to the UMD there are enough resources at Nellis AFB and/or in ACC to support the changes.

7. CONCLUSION: The Manpower and Personnel working group is assessed as GREEN. The current and proposed manpower document was reviewed by unit personnel. Recommended changes included minor AFSC adjustments, adding weather and power production expertise to the deployment packages (UTC), and adding UAV manpower authorizations to various wing, group(s), support squadron(s) functions. The inbound of personnel is enough to keep the 11RS on track to support their current deployment and training schedule. Additionally, the minor changes being made to the UMD will not have an impact since Nellis AFB and ACC currently have enough personnel to support the changes.

**ANNEX F - CIVIL ENGINEERING**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/CEP**

1 **PURPOSE:** The purpose of this Plan is to identify required actions to "normalize" UAV program and to revise on-going beddown actions at Indian Springs/Nellis AFB. This plan is intended to compliment on-going SATAF and PPlan beddown actions.

2 **SPECIFIC CIVIL ENGINEERING GUIDANCE:** To support the objective, the following guidance is provided to key Civil Engineering Agencies:

2.1 The office of primary responsibility (OPR) within the Civil Engineering Division is HQ ACC/CEPR. Coordinate communication relative to this Plan through this office.

2.2 The 99 ABW/CE provides Civil Engineering support for Indian Springs.

3 **REFERENCES:**

3.1 AFI 32-1021, Planning and Programming of Facility Construction Projects.

3.2 AFI 32-1024, Standard Facility Requirements.

3.3 AFI 32-1023, Design and Construction Standards and Execution of Facility Construction projects.

3.4 AFI 32-1032, Planning and Programming Real Property Maintenance Projects using Appropriated funds.

3.5 AFH 32-1084, Standard Facility Requirements Handbook.

3.6 AFI 32-6001, Housing Management.

3.7 AFI 32-7061, Environmental Impact Analysis Process.

4 **RESPONSIBILITIES AND ACTIONS:**

4.1 Directorate Of Civil Engineering, HQ ACC/CE:

4.1.1 Chief, Programs Division (CEP) will:

4.1.1.1 Provide overall management of Civil Engineering requirements, PPlan Action Items, and SATAF Action Items.

4.1.1.2 Provide technical guidance as requested on preparation of DD Form 1391/1391c programming document for O&M and MILCON facility projects identified as beddown projects.

4.1.1.3 Review programming documents and forward to appropriate authority for approval.

4.1.1.4 Coordinate approval and funding of O&M and MILCON facility projects.

4.1.1.5 Provide a representative to act as the focal point for all Civil Engineering actions. (b)

(b)(6) HQ ACC/CEPR, DSN 574-3187, is the Program Manager and OPR for this beddown.

4.1.1.6 Assist in identifying and resolving housing issues, including Unaccompanied Enlisted Personnel Housing (UEPH), and Military Family Housing (MFH).

4.1.2 Chief, Engineering Flight, ACC CES/ESP will manage design, contract award, and construction management activities.

4.1.3 Chief of Environmental Programs (CEV) will:

4.1.3.1 Monitor development of and review required environmental statements/ assessments.

4.1.3.2 Manage and provide technical support for environmental statements/ assessments.

4.1.4 Chief of Financial Management (CER) will monitor, source and provide funding support for identified beddown projects.

4.2 99 ABW/CE will:

4.2.1 Develop programming documents (1391/1391c) as detailed in AFI 32-1021 and submit for review, and submittal to appropriate authorities for approval.

4.2.2 Prepare and submit required environmental statements/assessments to appropriate authorities for approval.

4.2.3 Provide interim facilities until permanent facilities become available for occupancy. Base will request approval from ACC/CE for use of the interim facilities.

4.2.4 Provide design and construction management support for O&M facility projects as required.

4.2.5 Advise/report on status of O&M design and construction.

4.2.6 Provide in-house maintenance, repair, and minor construction support.

4.2.7 Assist personnel in obtaining off-base housing.

4.2.8 Assign on-base family housing quarters in accordance with established guidelines.

**5 PROGRAM STATUS AND REQUIRED ACTIONS:** The UAV Predator beddown at Indian Springs Air Force Auxiliary Airfield (ISAFAP) has been a very dynamic, evolving program with frequent force structure and POM changes. To meet these changes and to rescope/resize basing plans, ACC has completed several Facility Site Surveys, SATAFs, "What if Table Top Estimates" and the Environmental Assessment for the initial beddown over the last year. From the very beginning the primary charter of the staff and 11 RS personnel was to develop a basing plan that is flexible and able to redirect with minimum impacts. The sizing of facilities, EIAP and determination of BOS requirements has been an evolving process and has gone through many rescoping iterations. As a result of COMACC guidance during the 16 May UAV program review, the staff is currently working a major redirect to normalize the UAV beddown at ISAFAP. It is anticipated this will have an impact on facility requirements and the ongoing Environmental Assessment. This section of the plan will provide background information, current beddown /basing plans, O&M and MILCON costs, and required actions to rescope the UAV beddown based upon new force structure.

5.1 Chronology Of Events/Background.

5.1.1 25 - 27 Jul 95, Facility Site Survey.

5.1.1.1 Surveyed 10, 20 and 50 PAI aircraft beddown.



- 5.1.1.2 CONOPS not resolved
- 5.1.1.3 Many unknowns
- 5.1.2 29 Jul 95, 11 RS Stand-up.
  - 5.1.2.1 CC and support staff (approximately 5PN)
  - 5.1.2.2 CATEX Environmental Action
- 5.1.3 23 - 29 Oct 95, UAV SATAF I
  - 5.1.3.1 CSAF directed survey to immediately beddown existing assets ISAFAF
  - 5.1.3.2 5 - 10 UAV Predators and 120 PN
- 5.1.4 29 Oct 95, FONSI, EIAP complete
  - 5.1.4.1 Covers 20 UAV Predator Aircraft's
- 5.1.5 29 Jan - 2 Feb 96, UAV SATAF II
  - 5.1.5.1 30 PAI and approximately 488 PN
  - 5.1.5.2 BOS based upon 64 Predator POM and 800 - 1,000PN
- 5.1.6 15 Apr 96, UAV Resizing
  - 5.1.6.1 UAV program rescoped to support current POM funding of 43 vehicles.
- 5.1.7 16 May 96, COMACC UAV Predator Program review.
  - 5.1.7.1 COMACC guidance to "Normalize the program.
  - 5.1.7.2 Force Structure changes. Relocate IQT from Ft Huachuca to ISAFAF.
  - 5.1.7.3 Increase to 45 TAI and 710PN
  - 5.1.7.4 UAV beddown needs to be resized to match current force structure.
  - 5.1.7.5 Impacts on-going Environmental Assessment
- 5.1.8 UAV Basing Surveys -
  - 5.1.7.1 Edwards and Beale AFB (8-12 Jul 96)
  - 5.1.7.2 Cannon and Nellis AFB (22-26 Jul 96)

5.2 Current Beddown and Basing Plan: ACC has accomplished two SATAF's to beddown the UAV Predator system at Indian Springs Air Force Auxiliary Airfield (ISAFAF). The first SATAF addressed required actions to immediately beddown 5 - 10 PAI and approximately 120 PN. SATAF II had significant force structure changes, modifying the charter to beddown 30 PAI (training and back-up aircraft were TBD) and approximately 480 PN. The following information provides a current status of on-going Civil Engineering actions to beddown UAV's at ISAFAF.

5.2.1 UAV SATAF I (23 -29 Oct 95)

5.2.1.1 1 FY97 BES MILCON project at an estimated cost of \$4.7M.

5.2.1.1.1 Marked favorably by HNSC HAC, & SASC.

5.2.1.1.2 Currently 60% designed.

5.2.1.1.3 Ready To Advertise - 24 Sep 96.

5.2.1.1.4 Estimated Completion Date (ECD) - FY98/3.

5.2.1.2 13 FY96 O&M projects. Estimated Cost \$2.3M.

5.2.1.2.1 Funded and on-track.

5.2.1.2.2 ECD is May/Jun 96. To date 7 projects have been completed.

5.2.1.2.3 Required to provide facility workarounds until MILCON can be completed.

5.2.2 UAV SATAF II (29 Jan - 2 Feb 96) program rescoped April 96 to support current POM funding of 43 vehicles.

5.2.2.1 April rescoping reduced BOS MILCON to match current POM funding of 43 Vehicles. BOS MILCON originally sized to support 64 Predators and 800 - 1,000PN at ISAFAP.

5.2.2.2 5 MILCON projects at an estimated cost of \$30.1M (does not include SATAF I MILCON of \$4.7M).

5.2.2.3 BOS MILCON is sized for a final force structure of 30 PAI UAV predators, 480 PN at ISAFAP.

5.2.2.4 MILCON was determined to be "late to need".

5.2.2.4.1 SATAF I workarounds and FY97 MILCON are required for SATAF II operational workarounds. Once SATAF II Ops/Maintenance facilities are completed, original temporary facilities will revert back to support deployed/exercise operational and maintenance functions.

5.2.2.5 5 O&M (1 FY96 & 4 FY97) projects at an estimated cost of \$650K identified and validated.

5.2.2.5.1 FY 96 is funded and on track. ECD is Jun/Jul 96.

5.2.2.5.2 FY97 is in design.

5.2.2.6 Housing was not evaluated/required at ISAFAP. Guidance dictated Nellis AFB as host base.

5.3 Required Actions: This section identifies required actions that have to be addressed or accomplished to support new force structure changes as result of 16 May COMACC program review. Primary changes increased force structure from 30 PAI (480PN) to 45 TAI (710PN) and relocates IQT to ISAFAP. The beddown/basing plan developed during SATAF II is fairly comprehensive and should not require a major revision. However, existing plans need to go through a rescoping and validation process with functional OPR's and the II RS. Majority of these issues will be resolved during the upcoming December 96 proposed Jul 96 SATAF. The following are the primary issues that need to be addressed.

5.3.1 Environmental Assessment(EA). Ongoing SATAF II EA needs to be expanded to incorporate force structure increases. HQ ACC/XPPB will provide revise AF 813 DOPAA outlining specific changes to HQ ACC/CEVA. Original EA was schedule to be completed Aug 96. Estimated completion date for the new EIAP is 15 Dec 96.

5.3.2 Review Current Beddown Plans.

5.3.3 Infrastructure and BOS impact at ISAF AF.

5.3.4 Housing

5.3.5 Facility requirements associated with IQT. Are interim facilities required? Or are existing workarounds adequate.

5.3.6 Rescope MILCON facility projects.

5.3.7 MILCON programming documents.

**APPENDIX I, ANNEX F**  
**FACILITIES WORKING GROUP MINUTES**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/CEP**

1. WORKING GROUP CHAIRPERSON: (b)(6) GS-13, HQ ACC/CEPR, DSN 574-3187
2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>FAS</u>	<u>DSN</u>
(b)(6)		99 CONS/LGCC	682-9121
		99 CESS/CECP	682-3077
		99 RANS, Det 1/CB	682-0301
		99 RANS/RSF	682-3650
		HQ ACC/SPXS	574-2958/2961
		HQ ACC/TRSS	574-9012
		11 RS/DO	682-8718
		11 RS/CC	682-8718

3. AGENDA:
  - 3.1 Review open action items from previous SATAF's.
  - 3.2 Review interim and permanent facility use plan at ISAFAF.
  - 3.3 Review MILCON facility projects.
  - 3.4 IQT (Pilot, Payload operator, maintenance and TROJAN Spirit training) facility requirements at ISAFAF

4. ACTION ITEM STATISTICAL SUMMARY:

- 4.1 Action items opened: 3
- 4.2 Action items closed: 2
- 4.3 Total action items open/continuing: 1

5. PRESENTATIONS:

- 5.1 Facilities Working Group Assessment
- 5.2 O&M and MILCON Facility Project Listing

6. DISCUSSION:

6.1 GENERAL: The primary charter of the facilities working group is to identify specific Civil Engineering actions that need to be accomplished to support the UAV Predator beddown at ISAFAF. The majority of the actions taken during SATAF I & II are complete or under construction. Since the majority of CE beddown requirements are complete, this SATAF primarily focused on supporting the relocation of IQT training from Ft Huachuca to ISAFAF and addressing any outstanding issues. This section will summarize facility requirements, beddown/basing plans, facility costs, and specific actions (Action Items) to be accomplished to stand-up this mission.

6.2 FACILITY BEDDOWN PLAN: During this SATAF the facility beddown plan from previous SATAF's was modified slightly to accommodate the new requirement to stand-up the UAV Predator Training classes on 3 Feb 97. The following plan outlines interim and permanent facilities that have been identified for 11 RS use at ISAF AF (All facilities are at ISAF AF unless annotated).

6.2.1 Command and staff

6.2.1.1 Interim: Facility 45 (Nellis AFB)

6.2.1.2 Permanent: FY97 MILCON. Constructs Sq Ops, SMU and hangar. Estimated completion date (ECD is Jan 98).

6.2.2 Maintenance

6.2.2.1 Interim: Facility 81, 82 and Hangar 79.

6.2.2.2 Permanent: FY97 and 99 MILCON. Constructs Sq Ops, SMU and hangar. Estimated completion date (ECD is Jan 98). The interim facilities will be required as stated under SATAF II for the stand-up of the 2<sup>nd</sup> UAV squadron and until the FY99 MILCON is completed. The FY97 MILCON will eventually be the permanent UAV Flying Training Unit (FTU). All Interim facilities will revert back to the 99 RANS to support visiting exercise units.

6.2.3 Squadron Operations/Intelligence

6.2.3.1 Interim: Facility 11, and 43

6.2.3.2 Permanent: FY97 and 99 MILCON. Constructs Sq Ops, SMU and hangar. Estimated completion date (ECD is Jan 98 and Jan 00). The interim facilities will be required as stated under SATAF II for the stand-up of the 2<sup>nd</sup> UAV squadron and until the FY99 MILCON is completed. The FY97 MILCON will eventually be the permanent UAV Flying Training Unit (FTU). All Interim facilities will revert back to the 99 RANS to support visiting exercise units.

6.2.4 MRSP/Supply/Logistics

6.2.4.1 Interim: New Pre-fab metal facility (completed). This facility will also be used as a permanent facility. In addition, two HARVEST BARES facilities are also available for use.

6.2.4.2 Permanent: FY99 MILCON. Constructs Logistics/Supply facility. Estimated completion date (ECD is Jan 00).

6.2.5 Training. This is a new requirement for the UAV beddown.

6.2.5.1 Interim: Facility 262 and , and 67 (if required). These facilities will be used as is, for a period of 12 - 16 months or until the permanent facility is completed. Facility 262 will be returned 99 SP for Silver Flag Alpha training. Facility 67 will return to 99 RANS.

6.2.5.2 Permanent: FY97 MILCON. Constructs Sq Ops, SMU and hangar. Estimated completion date (ECD is Jan 98).

6.3 ENVIRONMENTAL ANALYSIS: The Environmental Analysis was completed and signed on 3 Dec 96 by the 99 ABW/CV. A Finding Of No Significant Impact (FONSI) was the final determination.

6.4 O&M FACILITY PROJECTS: No new O&M facility projects were identified/validated during this SATAF. To date, 13 FY96 O&M facility projects have been funded and completed at an estimated cost of \$2.4M. In addition, there are 4 FY97 O&M projects at an estimated cost of \$1.4M that are in design and will be ready to advertise in early FY97/2. FY97 O&M funds have been identified, budgeted and should be available to accomplish these projects (See TABLE I, FY97 O&M project listing).

6.5 MILCON FACILITY PROJECTS: A total of 5 MILCON projects were previously identified and validated at an estimated cost of \$29M. It is anticipated the FY97 MILCON for \$4.7M will be awarded 15 Dec 96 and completed by Jan 98 (low bids have been received and are being evaluated). See Table II, MILCON Project Listing. During this SATAF the team and base personnel determined that ISAFAP will have a long term MILCON requirement to construct a new Dining facility. This is a result of the continued growth of Silver Flag Alpha mission, UAV beddown, contractors and increased activity out in the range. Estimated cost for this facility is \$3.5M.

TABLE I - O&M Facility Project Listing

FY	PRI	DESCRIPTION	SCOPE	COST (000)	REMARKS
97	1	Add/Rep Dining Hall, Fac 71	LS	900	90% Designed. FY97/2 funding
97	2	Rep SP LED Area, Fac 92	LS	50	FY97/2 funding
97	3	Repair ISAFAP Pool	LS	300	90% designed. FY97/2 funding
97	4	Repair Athletic Fields/Courts	LS	150	FY97/3 funding
TOTAL FY97 O&M				\$1,400	

TABLE II - MILCON Facility Project Listing

FY	PRI	DESCRIPTION	SCOPE	COST (000)	REMARKS
97	1	UAV Ops/AMU/Hangar	24,000 SF	4,700	Dec 96 Award. ECD Jan 98
99	2	UAV Ops/AMU/Hangar	32,000 SF	7,000	CCD begin FY97/3
99	3	UAV Logistics/Supply	16,000 SF	3,000	CCD begin FY97/3
99	4	Comm Maint and Infrastructure	7,000 SF	3,500	Twy/Ramp lighting, power, water etc.
0X	5	Dining Hall	12,000 SF	3,500	Revalidated during SATAF III
0X	6	UEPH Dormitory	156 PN	10,800	At Nellis AFB proper
TOTAL MILCON				\$32,500	

**ANNEX G - COMMUNICATIONS AND INFORMATION**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/SCC**

1. **PURPOSE:** The purpose of this annex is to identify steps needed to migrate Predator C<sup>4</sup>I systems into an architecture which can be sustained and effectively integrated into the overall Combat Air Forces Deployable Communications Architecture and provide guidance for accomplishing objectives of the basic plan. In addition to the assumptions made in the basic plan, the following assumptions are provided:

1.1 Predator JPO development of communications architecture for the Predator Advanced Concept Technology Demonstration didn't address long term integration of command and control, air-to-ground data downlink, and product dissemination systems into the Air Force Deployable Communications Architecture.

1.2 Three Army TROJAN Special Purpose Integrated Remote Intelligence Terminal (SPIRIT) II AN/TSQ-190(V)4 Communications Central units will continue to provide self-mobile, tri-band satellite communications capability for beyond line-of-sight command and control of the air vehicle and secondary product dissemination until replaced by an Air Force standard system.

1.3 As a minimum, a Ku band SATCOM terminal will be required for each Predator system to provide beyond line of sight command and control of air vehicles and digital data down link capability for synthetic aperture radar and other special payloads. The Defense Information Systems Agency (DISA) Commercial Satellite Communications (SATCOM) Initiative (CSCI), DISA/D34, is the recommended POC for leasing Ku band transponder bandwidth and negotiating landing rights. The Defense Airborne Reconnaissance Office (DARO) is currently funding Predator C2 and product downlinks on Ku band SATCOM spot beam between the air vehicle and the GCS in the CONUS and selected overseas areas (subject to change.) Funding and integration of secondary product dissemination systems (i.e. from Predator GCS to end users) is a supported command responsibility.

1.4 Disadvantages of TROJAN SPIRIT II include:

1.4.1 Unable to provide high data transmission rates required for dissemination of near real time, full motion Predator video.

1.4.2 Requires airlift of two heavy duty High Mobility Multi-Wheeled Vehicles with two trailer-mounted antennas.

1.4.3 Many of its capabilities designed for Army tactical intelligence dissemination aren't utilized when employed supporting UAV missions.

1.4.4 Not cost effective as utilized for the Predator mission.

1.4.5 Life cycle sustainment is comparatively expensive and outside normal Air Force channels.

1.5 Long term integration of Very Small Aperture Terminals and the Defense Advanced Research Projects Agency/Defense Information Systems Agency Global Broadcast System (GBS) injection capabilities into Predator as integral components of an ACC product dissemination architecture is incomplete. VSAT coverage is limited and lead time may not meet Predator mission requirements.

1.6 Current 2EXXX manning levels (six 2E2X1 Electronic Computer and Switching Systems Specialists and three 2E1X1 Wideband/SATCOM Systems Specialists per Predator system) will remain constant until a TROJAN SPIRIT II follow-on system is fielded and manpower requirements can be reevaluated.

## 2. SPECIFIC COMMUNICATIONS AND INFORMATION GUIDANCE:

2.1 The OPR for this annex is HQ ACC/SCC.

### 2.2 References:

2.2.1 USACOM Operational Concept Document for the Medium Altitude Endurance Unmanned Aerial Vehicle "Predator," Sep 95 (currently under revision.)

2.2.2 ACC CONOPS for Endurance Unmanned Aerial Vehicles, 14 Nov 95 (currently under revision.)

2.2.3 Final ORD CAF-AMC-AFSOC 311-92-I-B for Theater Deployable Communications, 9 Feb 95.

2.2.4 ACC CONOPS for the Global Broadcast Service (Draft.)

2.2.5 JIEO 8125 Joint Task Force Tactical Communications Architecture

2.2.6 AF Annex to JIEO 8125

2.2.7 ACC ORD for an Endurance Unmanned Aerial Vehicle

2.2.8 Air Force Deployable Communications Architecture

2.2.9 ACC CONOPS for Theater Deployable Communications (Draft)

2.3 Objectives: In support of the basic plan objectives, upon completion of this transition plan, all Predator C<sup>4</sup>I systems should:

2.3.1 Be interoperable with Air Force and joint C<sup>4</sup>I systems and scaleable to satisfy varying supported command requirements.

2.3.2 Provide adequate bandwidth capability for command and control of the Predator vehicle, data downlinks, and secondary dissemination of products, including electro-optical imagery, synthetic aperture imagery, full motion video, and still frame imagery.

2.3.3 Be logistically supportable using standard ACC and AFMC life cycle support contracts and processes.

2.3.4 Provide multi-level security capability (e.g. provide tailorable dissemination connectivity from unclassified to SCI, depending on payload requirements and communications infrastructure and satellite availability in the supported theater).

2.3.5 Be acquired using standard requirements contracts for scaleable, upgradeable commercial off-the-shelf/government off-the-shelf systems whenever possible. Leverage existing contracts, such as TDC, for commonality with other USAF deployed communications equipment, training, and logistics concepts.

2.3.6 Be compatible with emerging Air Force standards and architecture for imagery dissemination systems and intelligence ground stations, such as the Common Imagery Ground Surface System (CIGSS) and the Combat Air Forces Intelligence Ground System (CAFIGS).

2.3.7 Be transportable in transit case type containers whenever possible to reduce airlift requirements.

2.3.8 Be supported by AETC, Air Force Engineering and Technical Services (AFETS), or other DOD formal technical training courses whenever possible.



### 3. RESPONSIBILITIES AND ACTIONS:

#### 3.1 Policy:

3.1.1 The focal point within HQ ACC for the management of all communications and information matters required by this plan is HQ ACC/SCC. An information copy of all correspondence concerning this project will be provided to HQ ACC/SCCJ.

3.1.2 The basic plan, this annex, and other annexes are complementary and must be used together to ensure timely completion of required actions.

3.1.3 Direct coordination among all staffs is encouraged to ensure effective and timely completion of all tasks. A close link among Predator JPO (PMA-263), HQ ACC, 57th Wing, 99th Air Base Wing, and 11 RS personnel is essential in accomplishing plan objectives.

#### 3.2 Tasking:

3.2.1 Tasking in this annex is applicable to HQ ACC and its respective subordinate units as delineated in the basic plan.

3.2.2 The actions of this annex include only those major events that impact the objectives of the plan. Accordingly, each HQ ACC and subordinate organization will initiate and complete all actions within its area of responsibility, regardless of inclusion or omission within this annex.

#### 3.3 HQ ACC/SCC will:

3.3.1 Partner with Predator JPO and HQ ACC/DRC to establish a joint interoperable Predator communications architecture integrating Theater Deployable Communications (TDC) into Predator communications support. The objective of this action is replacement of Predator UAV TROJAN SPIRIT II systems with TDC components, including the Lightweight Multiband Satellite Terminal (LMST) and the Integrated Communications Access Package (ICAP). SCCD.

3.3.2 Design objective product dissemination architecture with DO and IN focal points and incorporate Predator Security Classification Guide requirements.

3.3.3 Develop life cycle support concept and identify contractor logistics support requirements for Predator UAV C<sup>4</sup>I systems.

3.3.4 Revise the ACC Endurance UAV CONOPS Communication Integration and Interoperability section to incorporate new C<sup>4</sup>I capabilities.

3.3.5 Identify additional training requirements to SC career field managers and validate requirements for on-site 11 RS AFETS course requirements for C<sup>4</sup>I systems sustainment.

3.3.6 Coordinate exercise and real-world deployment communications requirements with HQ ACC/DOU, HQ ACC/INX, HQ ACC/SCX, DISA/D34, and Predator JPO.

3.3.7 Serve as HQ ACC/SC focal point and overall management agent for this annex.

3.3.8 Serve as focal point for processing C<sup>4</sup>I requirements relating to this plan and coordinate with HQ ACC/SCBE to track C<sup>4</sup>I requirements and proposed technical solutions to implementation.

#### 3.4 HQ ACC/SCX will:

- 3.4.1 Monitor frequency spectrum requirements.
- 3.4.2 Serve as SC focal point for communications funding issues.
- 3.4.3 Facilitate C<sup>4</sup>I systems deployment and integration into deployed architectures.

HQ ACC/SCM will assist 11 RS with activation/deactivation of long-haul circuits.

3.6 11 RS will:

- 3.6.1 Identify requirements for exercise and long-line circuits and additional fixed base C<sup>4</sup>I infrastructure requirements at Indian Springs to 99 CS and submit RFSs to HQ ACC/SCM for processing.
- 3.6.2 Identify Predator C<sup>4</sup>I system sustainment/training requirements to HQ ACC/SCC.
- 3.6.3 Work with 99 CS at Nellis AFB to identify required communications and information systems support and equipment not identified in previous SATAF programming messages to accomplish objectives of this plan.
- 3.6.4 Work with 99 CS to identify frequency spectrum requirements and process through HQ ACC/SCXS.

3.7 Assistance needed from other agencies:

- 3.7.1 Technical assistance from Predator JPO and associated contractors may be needed for system integration and evaluation of TROJAN SPIRIT II alternatives and migration to open systems communications architectures. NOTE: Predator JPO currently is the configuration control authority for Predator UAV C<sup>4</sup>I systems.
- 3.7.2 Technical assistance from the Defense Information Systems Agency (DISA) may be needed for integration and detailed costing on GBS/VSAT solutions. Additionally, DISA/D34 CSCI assistance will be required to lease commercial SATCOM bandwidth and negotiate landing rights in foreign nations. NOTE: Due to varying requirements (as determined by host nation tariffs and law), time required to lease commercial SATCOM bandwidth may be 6 months or greater if existing CSCI bandwidth hasn't been reserved or is in a high demand region.
- 3.7.3 The Army TROJAN System Integration and Fielding Office New Equipment Training Team will need to be scheduled and funded in coordination with Predator JPO to provide on-site operations and maintenance training on TROJAN SPIRIT II at Indian Springs until an 11 RS organizational-level system qualification training capability is established (i.e. OJT and/or AFETS course) or a replacement SATCOM system is fielded.

4. MILESTONES AND FUNDING ISSUES:

4.1 TROJAN SPIRIT II funding requirements per draft PMA-263/HQ ACC/Army Communications and Electronics Command Memorandum of Agreement (these costs will be centrally funded at HQ ACC):

4.1.1 \$25K per year per CONUS system for contractor provided Regional Support Center technical support and supply support for TROJAN SPIRIT II unique items.

4.1.2 \$7100 per month per system for services listed in 4.2.1 at deployed locations overseas.

4.1.3 To establish an initial organizational-level funding baseline, the following rough order of magnitude costs are estimated for FY97 (future funding will be based on actual experience):

4.1.3.1 \$115K for miscellaneous operations and maintenance requirements at Indian Springs AFAP.

4.1.3.2 \$132.5K for miscellaneous operations and maintenance requirements at Taszar, Hungary.

4.2. Additional TROJAN SPIRIT II cost data for planning purposes:

4.2.1 Acquisition cost (each): \$1.9 million

4.2.2 Provisioning of initial spares to be placed at supporting Regional Support Center contractor on a one set per four systems supported basis (if desired): \$817.4K

4.2.3 Readiness Spares Package (worst case/nothing left out) if desired: \$510K

4.3 Other C<sup>4</sup>I funding considerations:

4.3.1 Other II RS C<sup>4</sup> requirements (e.g. office automation equipment, exercise circuits, etc.) should be included in unit FINPLAN submission.

4.3.2. Predator JPO funding for procurement of additional TROJAN SPIRIT II or TDC equivalent systems, including provisioning of initial spares is assumed, including replacement of residual TROJAN SPIRIT II systems.

4.3.3 A TDC suite per Predator UAV system will be available at costs equal to or less than a single TROJAN SPIRIT II and will provide significantly improved C<sup>4</sup> capabilities at greatly reduced sustainment and training costs.

4.3.4 Continued DARO funding of Predator UAV Ku Band SATCOM C2 and product dissemination links between the air vehicle and GCS is assumed for CONUS training and limited overseas deployment to selected areas.

4.3.5 Under current plans, one TROJAN SPIRIT II (or equivalent) will be fielded for every four air vehicles.

5. OTHER CHARTS/GRAPHS/PICTURES/TABLES: While NOMAD ENDEAVOR is only one of many possible scenarios for Predator employment, the following information may be helpful as a baseline for determining C<sup>4</sup> requirements for future deployments:

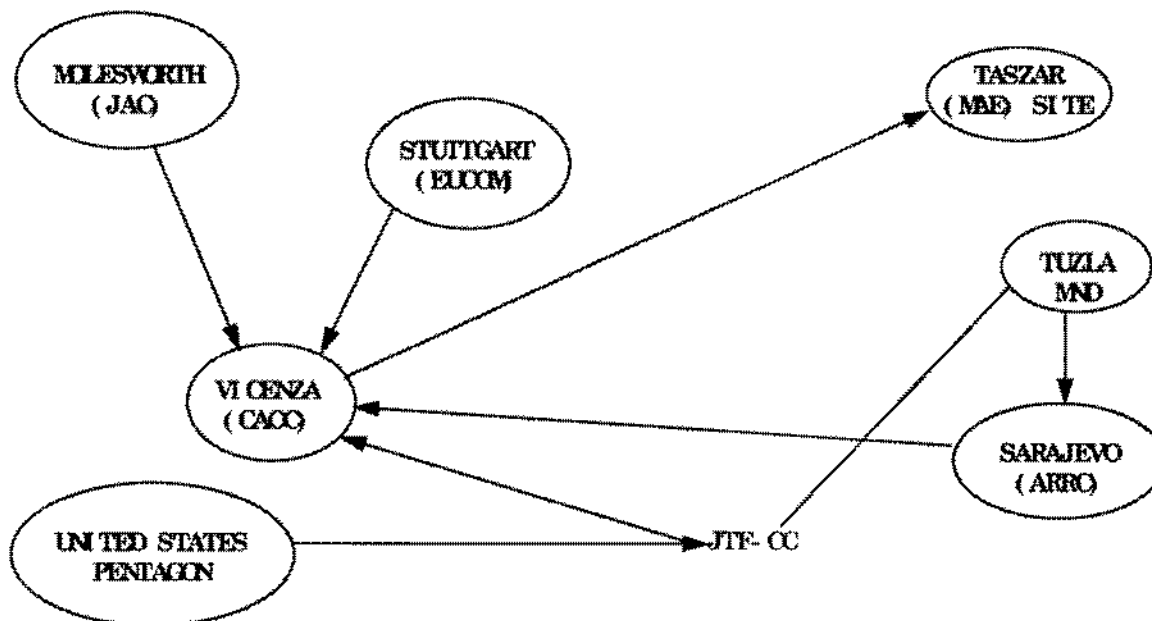
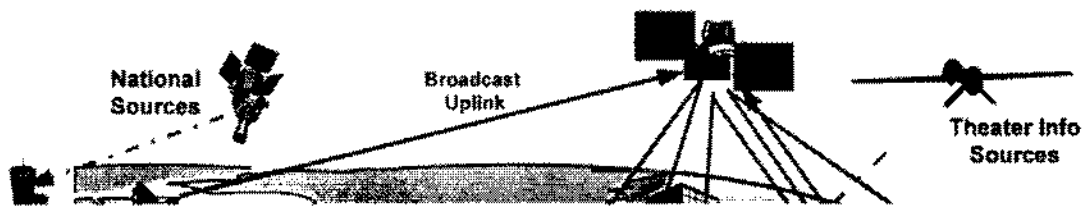


Figure G-1. Predator Tasking During NOMAD ENDEAVOR.



## Trojan SPIRIT II

### Technical and Operational Characteristics

Primary HMMWV Shelter (PHS)	Spare Equipment & Maintenance Shelter (SEM)	Mobile Antenna Platform (MAP)	RSI 5.5 meter Antenna (X-Band)
<ul style="list-style-type: none"> <li>• Provides Intel Processing and RED &amp; BLACK communications</li> <li>• Equipment groups                             <ul style="list-style-type: none"> <li>- C, Ku, X-Band SATCOM</li> <li>- Analyst Workstation</li> <li>- RED processing</li> <li>- BLACK communications</li> <li>- Auxiliary equipment</li> <li>- Power Generation</li> </ul> </li> <li>• Transportable by military fixed wing and rotary aircraft</li> <li>• Deployed configured for C, Ku or X-band satellite communications</li> <li>• 14 channels configurable                             <ul style="list-style-type: none"> <li>- 10 SCI/SAO</li> <li>- 4 SECRET/Collateral</li> </ul> </li> <li>• Supports digital voice, fax, data, LAN/WAN, and video transmission</li> <li>• On-board power generation systems</li> </ul>	<ul style="list-style-type: none"> <li>• Maintenance facility work space and storage areas for spares</li> <li>• Critical system spares</li> <li>• On-board power generation systems</li> <li>• Transportable by military fixed wing &amp; rotary aircraft</li> <li>• Spare UNIX processors provides additional Intel Processing capability</li> <li>• On-board test equipment</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4 meter pop up antenna</li> <li>• C/Ku-band SATCOM</li> <li>• Leased commercial satellite circuits</li> <li>• Satellite auto-acquisition</li> <li>• Mounted on tactical Silver Eagle HMMWV trailer</li> <li>• Deployed at Echelons Corps and Below</li> </ul>	<ul style="list-style-type: none"> <li>• Trailer mounted 5.5 meter antenna</li> <li>• DSCS SATCOM capability</li> <li>• SHF X-band capability</li> <li>• Deployed at Echelons Above Corps</li> </ul>

Figure G-3. TROJAN SPIRIT II Operational Characteristics.

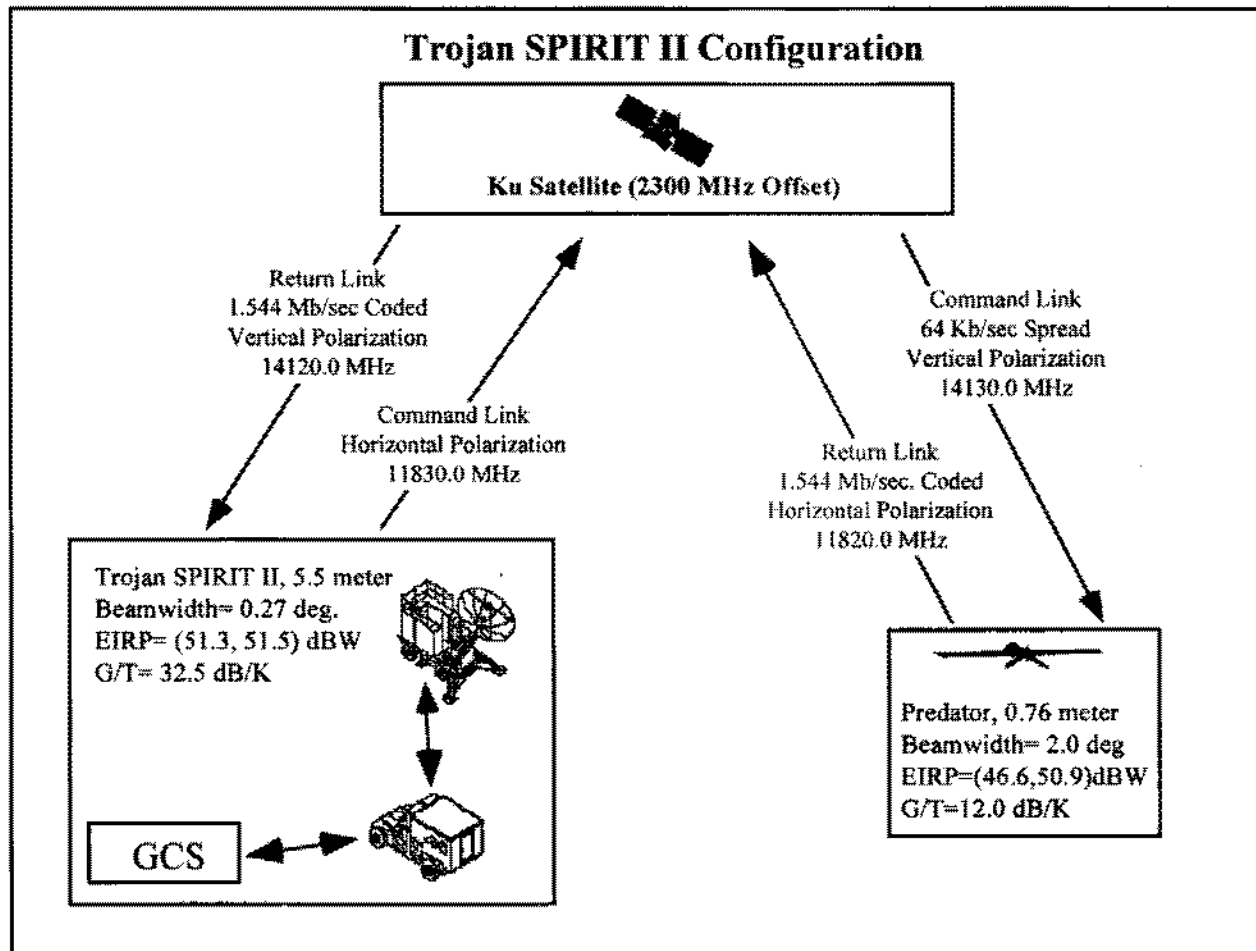
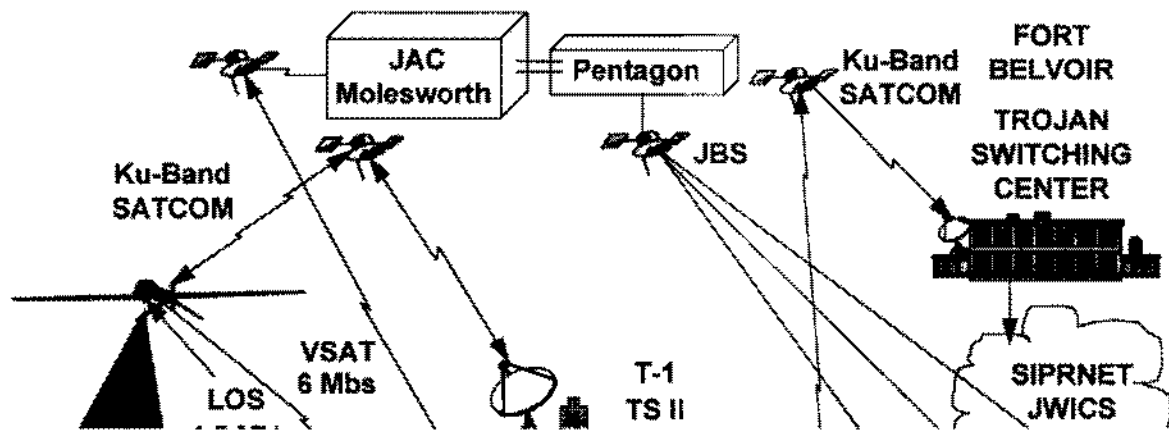


Figure G-4. TROJAN SPIRIT II Configuration.



**APPENDIX 1, ANNEX G**  
**COMMUNICATIONS WORKING GROUP MINUTES**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/SCC**

1. WORKING GROUP CHAIRMEN: Capt Andy Mukk, HQ ACC/SCCJ, DSN 574-0569 and Mr. Ward Amaral, 99 CS/SCXR, DSN 682-5829.  
E-Mail - mukka@hqaccsc.langle.af.mil
2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>FAS</u>	<u>DSN</u>
(b)(6)		11 RS/MAC	682-0430
		99 CS/SCML	682-3417
		11 RS/MAC	682-0430
		99 CS/SCXR	682-6425

3. AGENDA: Close previous action items or transfer to SATAF III. Identify new or additional action items tied to 11 RS communications requirements at Indian Springs AFAF. Coordinate with other action groups to ensure cross flow of information and proper OCR is identified.

4. ACTION ITEM STATISTICAL SUMMARY:

- 4.1 Action items opened: 8
- 4.2 Action items closed: 0
- 4.3 Total action items open/continuing: 8

5. PRESENTATION: N/A

6. DISCUSSION:

6.1 Communications is assessed as YELLOW. The Communications Working Group focused on fixed infrastructure and deployable communications issues needed to successfully implement Predator training at Indian Springs AFAF and successfully reach IOC and FOC. The poor condition of the communications infrastructure at Indian Springs requires a significant investment to achieve minimum operational capabilities.

6.2 Action Items:

6.2.1 Funding for SATAF I and II Communications Requirements: Numerous vital communications requirements from SATAFs I and II remain completely or partially unfunded, including video and frame imagery dissemination to RED FLAG, base LAN installation at Indian Springs AFAF, and 11 RS SIPRNET connectivity. Current unfunded requirements (\$550K) are expected to grow as additional requirements are identified. Funding requirements as identified in Project Support Agreements needs to be provided to 99 CS ASAP for disbursement to engineering and installation activities. This FM action item was assigned to 57 WG as OPR and ACC/DOU as OCR.

6.2.2 CEASE BUZZER Electronic Warfare (EW) Procedures Training: 11 RS Air Vehicle Operators need CEASE BUZZER procedures training to report real-time Electromagnetic/Radio Frequency Interference to EW



operators and air traffic/range control activities supporting the Nellis Range Complex. The 99 CS Spectrum Management office will provide an orientation briefing and/or written guidelines to the 11 RS POC who will train other Air Vehicle Operators prior to commencement of Predator flight operations at Indian Springs.

6.2.3 Predator Ground Segment Connectivity and Siting: The C Band line of sight Ground Data Terminal antenna may need to be remotored from the Ground Control Station (GCS) and mast/tower mounted to ensure optimum area coverage. Additionally, the TROJAN SPIRIT II and GCS link (currently 100 foot maximum separation) may need to be extended as well when final ground segment siting is determined. This action item has been assigned to PMA-263P as OPR for the technical solution when final ground segment siting is determined. USAF engineering and installation support may also be used if adequate technical data is available.

6.2.4 Telephone Switch Expansion at Indian Springs: Current ISAFAF telephone switch capacity is 92 percent filled. Previous switch replacement proposals have not been funded. The lack of telephone capability will become critical upon the completion of the FY97 MILCON project for the Squadron Ops/AMU hangar. 99 CS will identify the cost of switch expansion to satisfy projected beddown requirements through 2001. This action item has been assigned to 99 CS as OPR and 11 RS as OCR.

6.2.5 Finalize Communications Requirements and Implement: Due to rapid changes in program timelines and lack of funding, several major communications requirements haven't been implemented or had significant changes in scope or schedule. These projects include SIPRNET connectivity, base LAN installation, and dissemination of video/frame imagery to RED FLAG. 11 RS should review existing, unfilled communications requirements and validate or change as needed and continue to submit C4RDs as needed to document new requirements. Funding for new requirements will need to be identified. This action item has been assigned to 11 RS as OPR and 99 CS as OCR.

6.2.6 Establish Permanent UAV Frequencies: Upon approval of DD Form 1494 (submitted by PMA-263P) at the Joint Spectrum Center, 99 CS must request permanent frequencies for Predator line of sight operations in the Nellis Range Complex vicinity (and ideally in the Western United States.) Satellite frequencies will be requested through the commercial satellite controlling agency, such as COMSAT RSI for the Defense Information Systems Agency (DISA) Commercial SATCOM Initiative (CSCI). Based on guidance from HQ ACC/SCXS, the spectrum certification request is in final draft form and 99 CS should initiate the request of permanent frequencies now. Although there can be a significant time required to receive permanent frequency certifications, Predator operations can be supported by renewable temporary frequencies until permanent frequencies are issued. 11 RS will provide information on all Predator frequencies in use (line of sight link, Synthetic Aperture Radar, and commercial satellite) to the 99 CS Spectrum Management office who will provide them to Nellis Range Complex and adjacent military operating facilities for deconfliction of EW and test activities. A "spectrum sweep" and/or Electromagnetic Compatibility study is being initiated by certain Nellis Range Complex users to minimize spectrum conflicts with Predator missions. These studies are planned for periods when the Predator is actually flying to determine the UAV's RF emission profile in the area. The action item for requesting permanent frequencies has been assigned to PMA-263P as the initiators of the spectrum certification application; OCRs are 99 CS for requesting permanent frequencies, and ASC/RAR for overall USAF Predator program management.

6.2.7 Commercial SATCOM Funding for Indian Springs AFAP Operations: 11 RS needs confirmation of funding status for the Predator C2 and data downlink (currently funded by the Defense Airborne Reconnaissance Office (DARO) through the DISA CSCI program) and TROJAN Switching Center connectivity for TROJAN SPIRIT II operations and maintenance and JDISS operator training in a fixed environment (currently funded by DARO through the TROJAN program.) PMA-263P needs to provide 11 RS and HQ ACC with funding status and procedures for activating in-garrison training commercial SATCOM circuits or estimated funding requirements for Ku band SATCOM connectivity. This action item has been assigned to PMA-263P as OPR, and HQ ACC/SCCI and ASC/RAR (SPO) as OCRs.

6.2.8 11 RS Deployable Communications AFETS/CETS Requirements: ACC LSG/MSO representatives interviewed technicians from 11 RS/MAC to discuss what training support could be provided to the 11 RS by permanently assigned AFETS/CETS technicians for sustainment of deployable Predator communications systems,

such as the GCS, TROJAN SPIRIT II, and Theater Deployable Communications. This action item was assigned to ACC LSG/MSO as OPR, and ACC/SCCJ and ASC/RAR as OCRs.

6.2.9 Predator Deployable SATCOM Systems: There is no delivery schedule available for delivery of TROJAN SPIRIT II (or Theater Deployable Communications) systems to 11 RS. PMA-263P needs to provide HQ ACC and 11 RS with a delivery schedule for Predator deployable SATCOM systems. If additional SATCOM systems are not provided, there will only be two ACC Predator systems capable of extended tether and Synthetic Aperture Radar operations. This action item has been assigned to PMA-263P as OPR.

### 6.3 Other Issues:

6.3.1 TROJAN SPIRIT II Turnover to 11 RS: During a HQ ACC/SCCJ staff assistance visit to the 11 RS prior to this SATAF, Capt Mukk and 11 RS/MAC developed an action plan to work with the TROJAN System Integration and Fielding Office (SIFO) and the Fort Hood Regional Support Center (RSC) to replace and/or repair damaged or missing components from TROJAN SPIRIT II system #28, a residual asset from the ACTD. A list of missing items has been provided to TROJAN SIFO and the Fort Hood RSC for action. We have requested a rough order of magnitude estimate for the cost of these items and will provide the estimated costs to HQ ACC/DOU upon receipt. 11 RS technicians will assemble and configure the TROJAN SPIRIT II system at Indian Springs AFAF when six replacement "petals" from the 5.5 meter Mobile Antenna Platform are received from the Fort Hood RSC (currently in transit to 11 RS.) We expect the TROJAN SPIRIT II system to be YELLOW until these missing items are replaced or further damage is identified. HQ ACC/SCCJ recommends 11 RS/MAC technicians initiate an AF Form 1261 to document system acceptance and discrepancies and perform an incoming equipment inspection once the Maintenance Support section is able to support one. These actions are in progress and a SATAF action item was not opened for these actions.

6.3.2 33S3 Communications Officer Billet for 11 RS: HQ ACC/SCCJ and HQ ACC/XPMR concur with 11 RS request to establish a requirement for a 33S3 authorization at 11 RS (and the future second squadron). This action item will be addressed through the Manpower/Personnel Working Group and needs to be sourced and filled.

7. CONCLUSION: A lack of funding is jeopardizing timely completion of several key fixed communications infrastructure projects required to successfully beddown the 11 RS (and future second squadron) at Indian Springs AFAF. Additionally, the delivery schedule of deployable satellite communications systems is needed to provide extended tether and Synthetic Aperture Radar capability for newly delivered Predator systems. 99 CS/SCXR will continue to accept and process 11 RS communications requirements documented on AF Form 3215s; however, these requirements need to be finalized and funded with as much lead time as possible to satisfy customer requirements. Many of these projects require engineering and installation team visits to develop technical solutions and costing and need long lead times to order required materiel and obtain collateral support from other agencies, such as Civil Engineering.

**ANNEX H - SAFETY**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/SE**

1. **PURPOSE:** To define safety requirements for the 11th Reconnaissance Squadron located at Nellis AFB and Indian Springs Air Force Auxiliary Field.

2. **SPECIFIC SAFETY GUIDANCE**

2.1 The OPR for this annex is ACC/SE.

2.2 Commanders and staff agencies will ensure that an effective mishap prevention program is implemented and mishap prevention measure are included in the implementation of this PPlan.

3. **RESPONSIBILITIES AND ACTIONS:**

3.1 HQ ACC/SE will:

3.1.1 Appoint a Safety Project Officer (SPO) to monitor the implementation of this PPlan until all safety related actions are complete and all basic long term safety program elements are in place and are functioning in accordance with Air Force and Air Combat Command requirements and guidance.

3.1.2 Assist Air Warfare Center (AWC) and 11 RS in resolving problems which require higher headquarters and ACC staff action.

3.1.3 Assist AWC in developing mishap prevention guidance unique to Unmanned Aerial Vehicle (UAV) operations.

3.2 HQ AWC/SE will:

3.2.1 Appoint a Safety Project Officer (SPO) to monitor the implementation of this PPlan until all safety related actions are complete and all long term safety program elements are in place and are functioning in accordance with higher headquarters requirements and guidance.

3.2.2 Assist the 11 RS in the implementation of this PPlan and in resolving problems that can be solved locally.

3.2.3 Assist the unit in acquiring safety related training that will ensure the development and continuation of a positive and proactive safety program.

3.2.4 Advise HQ ACC/SE of safety related issues that require ACC staff action to resolve.

3.3 11 RS will:

3.3.1 Appoint a dedicated Flight Safety Officer (FSO) to administer and manage the unit flying safety program in accordance with guidance provided by HQ AWC/SE.

3.3.2 Appoint a Unit Safety Representative (USR) to administer and manage the Ground Safety program in accordance with guidance provided by HQ AWC/SE.

3.3.3 Develop and implement safety and mishap prevention programs in accordance with Air Force, ACC and AWC requirements and guidance. AWC will provide appropriate information regarding applicable AF, ACC and AWC directives applicable to the unit operation and mission.

3.3.4 Advise HQ AWC/SE of all safety related matters requiring higher headquarters action to resolve.

4. MILESTONES AND FUNDING ISSUES: None.

**ANNEX L - SECURITY**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/SPX**

1. **PURPOSE:** This annex outlines security police actions and responsibilities required to support the beddown of the Predator UAV at Indian Springs Air Force Auxiliary Field, Nevada.

2. **SPECIFIC SECURITY GUIDANCE:**

2.1. The Medium Altitude Endurance (MAE) Unmanned Aerial Vehicle (UAV) Predator air vehicle and Ground Control Station will be protected in accordance with AFI 31-209, The Air Force Resource Protection Program, at Indian Springs Air Force Auxiliary Field, Nevada.

2.2. TROJAN SPIRIT II equipment must be protected in accordance with the Air Force Resource Protection Program while at Indian Springs Air Force Auxiliary Field, Nevada. When configured for SCI operations, also comply with protection requirements for SCI. Refer to Director of Central Intelligence Directive 1/21, Physical Security Standards for Sensitive Compartmented Information Facilities.

2.3. Owner/user must comply with physical protection requirements listed in the system's Security Classification Guide; DOD 5200.1.R, Information Security Program Regulation; AFI 31-401, Managing the Information Security Program; and the TROJAN SPIRIT technical manual, TM 95-004-OM.

2.4. The security priority designation changes when the Predator air vehicle and ground control station are deployed OCONUS, are assembled, and mission ready. Until the security priority designation is inserted in AFI 31-101, The Air Force Physical Security Program, refer deployment questions to (b)(6) ACC/SPOS, DSN 574-3032.

3. **RESPONSIBILITIES:**

3.1. ACC/SPX will provide assistance in reviewing and developing physical security, manpower, facilities, and equipment requirements.

3.2. Commanders and staff agencies will ensure an effective security program is in place to protect the Predator "system" from theft, pilferage, and sabotage.

3.3. (b)(6) ACC/SPXS, DSN: 574-2958/2961 will serve as the ACC/SP focal point for the Predator beddown at Indian Springs, NV.

APPENDIX L, ANNEX L  
SECURITY WORKING GROUP MINUTES  
ACC PROGRAMMING PLAN 97-03

OPR: HQ ACC/SPX

1. WORKING GROUP CHAIRMAN: (b)(6) HQ ACC/SPXS, DSN: 574-2958/2961

2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>FAS</u>	<u>DSN</u>
(b)(6)		99 GCTF/SPO	652-9464
		99 SPOF/SPO	652-8093
		99 SPOF/OL1	652-0240
		99 GCTF/SPOS	652-9464

3. AGENDA:

3.1. Review ACC PPLAN 96-11 Action Items

3.2. New Issues

4. ACTION ITEM STATISTICAL SUMMARY:

4.1. Action items opened: 01

4.2. Action items closed: 01

4.3. Total action items open/continuing: 00

5. PRESENTATION: (b)(6) and (b)(6) reviewed all previous UAV SATAF action items and confirmed closure of all nine. Two new issues were presented, one pertaining to BOS manpower and the other referring to a request to share classroom space with the 11RS.

6. DISCUSSION:

(b)(6) said he has received all 16 security force authorizations agreed to during previous SATAFS, but said he is not satisfied with the performance of several DOD civilian police. He said he continues to have scheduling difficulties because of short notice sick leaves and the Legal Offices' interpretation that he cannot use DOD guard forces to guard priority aircraft. He requested additional manning assistance because of increased priority aircraft presence at Indians Springs Auxiliary Air Field. (b)(6) also said he wanted to make sure with the increase of base population, the 99 SPS/SPA received the appropriate number of BOS authorizations to support the increased personnel security workload created by the major increase of INTEL folks.

(b)(6) expressed the need for temporary classroom space for use in Predator initial certification training. Representatives of the Facilities Working Group traveled to Indian Springs and toured existing facilities. The group agreed three rooms of Bldg 262 could potentially be used by the 11RS on a temporary basis until the FY97 MILCON projects are complete.

7. CONCLUSIONS: After looking into the security force issues it was determined no additional authorizations were needed to provide for the Law Enforcement function at ISAAF. Management challenges of the DOD guard force will be dealt with by the 99 SPOF leadership. Priority resources security is the responsibility of the Range Group and will not be addressed in this SATAF. BOS manpower authorizations are based on an increase in general

base population and is managed by the 99 Wing manpower office in coordination with the supported units. The 99 SPS/SPM will track BOS authorizations with the 99 Wing manpower office

A Memorandum of Agreement is being staffed between (b)(6) 11RS/CC, and (b)(6) 99 SPS/CC agreeing to the temporary sharing of office and classroom space in Bldg 262 until the 11 RS permanent facilities are ready.

**ANNEX P - INTELLIGENCE**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/INX**

1. **PURPOSE:** The purpose of this annex is to review the programmatic actions necessary to field six deployable exploitation ground systems for endurance Unmanned Aerial Vehicles (UAVs). Existing intelligence ground stations are not capable of exploiting UAV derived imagery at this time. ACC has developed a phased approach to address the shortfall of the current intelligence ground stations. The systems will be called UAV Exploitation Systems (UES). Our objective is to align an initial Predator UAV imagery exploitation capability with the 609 Air Intelligence Squadron (AIS), under the 609 Air Intelligence Group, at 9th AF, Shaw AFB, SC and 612 Air Intelligence Squadron, under the 612 Air Intelligence Group, at 12th AF, Davis-Monthan AFB, AZ. The locations for long term UAV exploitation are the 30 Intelligence Squadron (IS) at Langley AFB, VA (DGS-1), and the 13 IS at Beale AFB, CA (DGS-2). All of the actions are consistent with the CAF Multi-source Intelligence Ground Station (MIGS) migration plan.

2. **SPECIFIC INTELLIGENCE GUIDANCE**

2.1 The OPR within the HQ ACC Directorate of Intelligence is the Chief, Intelligence Plans and Requirements Division (HQ AC/INX).

2.2 The 609 AIS, 612 AIS, 30 IS and 13 IS will designate project officers who will be responsible for the day-to-day execution of this plan throughout the effective period.

3. **RESPONSIBILITIES AND ACTIONS:**

3.1 HQ ACC/IN:

3.1.1 INX will:

3.1.1.1 Complete the UAV Imagery Exploitation Plan which will identify the structure, capabilities, employment and deployment concept, basing requirements, and interoperability details of envisioned ACC UAV exploitation organizations, systems, and operations required to satisfy theater requirements.

3.1.1.2 Monitor intelligence assets and provide staff guidance as necessary.

3.1.1.3 Procure and field a deployable exploitation system.

3.2 INF will:

3.2.1 Monitor intelligence personnel and manpower actions and provide staff guidance to 609 AIS, 612 AIS, 30 IS and 13 IS as necessary.

3.2.2 Provide program element monitoring.

3.2.3 Submit annual and semi-annual budgets.

3.2.4 Disburse funding as required to maintain operational status.

3.3 9AF & 12AF:

3.3.1 609/612 AIGs will:



3.3.1.1 Perform day-to-day operations to include imagery exploitation, archiving, reporting, and dissemination.

3.3.1.2 Provide intelligence system and proficiency training

3.4 609/612 ACOMS will provide day-to-day systems maintenance, logistics, and communications support both in garrison and deployed.

#### 4. MILESTONES AND FUNDING ISSUES

4.1 To perform UAV exploitation, ACC intends to procure six systems, two quick reaction packages and four long term.

4.1.1 TWO QUICK REACTION, TRANSIT CASE UES - One system will be at the 609 AIS and one system at the 612 AIS.

4.1.2 FOUR LONG TERM, SHELTERIZED UES - Two shelter-mounted systems will be based at the 30IS and two systems will be based at 13IS.

4.2 The following table represents the amount needed to provide six autonomous UAV intelligence support segments interoperable with the CARS multi-int architecture. The 3080 line is currently unfunded. PE 35205F is expected to be the new UAV program element code. However, it is ACC IN's intent to seek future transfer of UAV exploitation funding to PE 35208F, the Ground Station program element code. Not covered by the following breakout are the costs for communications connectivity from both in garrison and deployed.

PE35205F(\$M)		FY97	FY98	FY99	FY00	FY01	FY02	FY03
3080	3.0	11.2	0.0	0.0	1.2	0.7	0.7	
3400	0.9	1.5	1.9	2.0	2.0	2.1		
3500	2.1	6.3	6.5	6.7	6.8	7.0	7.2	
TOTAL		6.0	19.0	8.4	8.6	10.0	9.7	10.0

4.3 The following is a table of the 154 manpower authorizations for the UES'.

PE35205F	FY97	FY98	FY99	FY00	FY01	FY02	FY03
609 AIS		25 0	0	0	0	0	0
612 AIS		25 0	0	0	0	0	0
30 IS	0	52 0	0	0	0	0	
3500	0	52 0	0	0	0	0	
TOTAL		50 104	0	0	0	0	0

**APPENDIX I, ANNEX P**  
**INTELLIGENCE WORKING GROUP MINUTES**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/INX**

1. WORKING GROUP CHAIRMEN: (b)(6) ACC/INXS, (DSN 574-3629)  
E-Mail - (b)(6)@hqaccin.langley.af.mil
2. OTHER WORKING GROUP MEMBERS:

<u>NAME</u>	<u>RANK</u>	<u>FAS</u>	<u>DSN</u>
(b)(6)		ACC/INFF	574-3598
		AIA/DPTF	969-2807
		AETC/TTRG	487-4064
		HQ AF/INXFM	761-4818
		315 TRS/DOED	477-5694
		315 TRS/DOEC	477-5641

3. AGENDA: SATAF III

- JDISS Training
- INI Inbound S-Coded (SCI Billets)
- ADRG (NIMA/DMA) Standards for maps vice Proprietary
- \$100K from Predator to 315th softcopy training - if available
- Video Mosaic
- GCS Manning Team (24 hr ops)
- Exploitation
- Training
- IQT Training Syllabus

4. ACTION ITEM STATISTICAL SUMMARY:

- 4.1 Action items opened: 7
- 4.2 Action items closed: 3
- 4.3 Total action items open/continuing: 4

5. PRESENTATION:

6. DISCUSSION: The Intelligence Working Group focused on the key areas of training for 11RS intelligence personnel. Seven action items were opened as a result of discussions among working group members and three were closed. The remaining action items are not critical and are not expected to impact the overall training ability of the 11RS. Manpower levels, particularly IN1X1's, were discussed, but no actions were taken. The 11RS indicated that several of the billets for the intelligence personnel were not "S" coded, which was creating delays for them. The billets were identified on the UMD and will be changed to reflect the "S" code. The working group agreed that the 315 TRS should coordinate on the Initial Qualification Training Syllabus. ACC/IN members identified JDISS training opportunities for the 11RS based on the anticipated deployment of the squadrons only trained JDISS operator. If the squadron requires more training, ACC/INFF is prepared to provide class slots as requested. The working group also discussed the issue of the lack of a map scanning capability for the tracker display in the GCS at Indian Springs. The General Atomics representative identified the equipment and software they use to scan the maps for the tracker screen. If the information is correct, the scanner and software is available

at any computer warehouse store and is fairly inexpensive. Additionally, the system will be baselined in the GCS production models and will use ADRG standard format.

7. CONCLUSION: The Intelligence area is evaluated as **YELLOW**. Several issues were identified that could affect the 11RS ability to effectively train assigned intelligence personnel. None of the issues are determined to be critical. The most difficult issue to resolve involves identifying the total number of assigned IN1X1, Imagery Analysts, who will participate in the Feb 97 Initial Qualification Training class. The 11RS will provide a list of personnel requiring the training, including inbound personnel who will arrive prior to the Feb class. A secondary issue was raised regarding the lack of SCI coded billets for several inbound intelligence personnel. The billets were identified on the Unit Manning Document and will be changed to reflect the proper code upon the SATAF teams return to Langley AFB. Overall, there are no intelligence working group issues that would affect the training or beddown of the Predator system at Indian Springs.

**ANNEX R - REQUIREMENTS**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/DRF**

1. **PURPOSE:** The purpose of this annex is to identify steps needed to transition Predator UAV system into a reconnaissance system which can be sustained and effectively integrated into the overall Combat Air Forces Theater intelligence architecture and provide guidance for accomplishing objectives of the basic plan.

1.1 References:

1.1.1 USACOM Operational Concept Document for the Medium Altitude Endurance Unmanned Aerial Vehicle "Predator," September 1995 (currently under revision).

1.1.2 ACC CONOPS for Endurance Unmanned Aerial Vehicles, 14 Nov 95.

1.1.3 ORDs:

1.1.3.1 Final ORD CAF-AMC-AFSOC 311-92-I-B for Theater Deployable Communications,  
6 Jan 95.

1.1.3.2 Final CAF ORD 302-91-I/II/III-A Contingency Airborne Reconnaissance System (CARS)

1.1.3.3 Final CAF JORD 002-85-I/II/III-A Joint Service Imagery Processing System (JSIPS)

1.1.3.4 Final CAF JORD 301-95-I-A Common Imagery Ground Surface System CIGSS

1.1.3.5 Final CAF ORD 003-90-I-A for an Endurance Unmanned Aerial Vehicle (E-UAV)

1.1.4 ACC CONOPS for the Global Broadcast Service (Draft).

1.1.5 JIEO 8125 Joint Architecture

1.1.6 AF Annex to JIEO 8125

1.2. Objectives: In support of the basic plan objectives, upon completion of this transition plan, all Predator systems should:

1.2.1 Be interoperable with Air Force and joint C<sup>4</sup>I systems and scaleable to satisfy varying supported command requirements.

1.2.2 Provide adequate bandwidth capability for command and control of the Predator vehicle, data downlinks, and secondary dissemination of products, including electro-optical imagery, synthetic aperture imagery, full motion video, and still frame imagery.

1.2.3 Be logistically supportable using standard ACC and AFMC life cycle support contracts and processes.

1.2.4 Provide multi-level security capability (e.g. provide tailorable dissemination connectivity from unclassified to SCI, depending on payload requirements and communications infrastructure and satellite availability in the supported theater).

1.2.5 Be acquired using standard requirements contracts for scaleable, upgradeable commercial off-the-shelf/government off-the-shelf systems whenever possible. Leverage existing contracts, such as TDC, for commonality with other deployed communications equipment, training, and logistics concepts.

1.2.6 Be compatible with emerging Air Force standards and architecture for imagery dissemination systems and intelligence ground stations, such as the Common Imagery Ground Surface System (CIGSS) and Multi-Intelligence Ground System (MIGS).

1.2.7 Be transportable in transit case type containers whenever possible to reduce airlift requirements.

1.2.8 Be supported by AETC or other DOD formal technical training courses whenever possible.

### 1.3 Policy:

1.3.1 The focal point within HQ ACC for the management of all requirements matters required by this plan is HQ ACC/DRF. An information copy of all correspondence concerning this project will be provided to HQ ACC/DRFR.

1.3.2 The basic plan, this annex, and other annexes are complementary and must be used together to ensure timely completion of required actions.

1.3.3 Direct coordination among all staffs is encouraged to ensure effective and timely completion of all tasks. A close link among HQ ACC, HQ AFMC, ASC/RA, PMA-2263, 57th Wing, and 11 RS personnel is essential in accomplishing plan objectives.

### 1.4 Tasking:

1.4.1 Tasking in this annex is applicable to HQ ACC and its respective subordinate units as delineated in the basic plan.

1.4.2 The actions of this annex include only those major events that impact the objectives of the plan. Accordingly, each HQ ACC and subordinate organization will initiate and complete all actions within its area of responsibility, regardless of inclusion or omission within this annex.

1.5 Reporting: Reporting actions will be in accordance with Annex Z. Specific milestones and target dates are identified in the appendices of this annex.

## 2. SPECIFIC GOALS THAT WILL ACCOMPLISH EACH OBJECTIVE:

2.1 Release ORD for final coordination. OPR: DRFR. ECD: 5 Sep 96.

2.2 Coordinate with JPO and Test Agencies to ensure the expeditious testing of required components. OPR. DRFR. ECD 31 Jan 96.

### 2.3 Responsibilities and actions:

#### 2.3.1 HQ ACC/DRF will:

2.3.1.1 Serve as focal point and overall management agent for this annex.

2.3.1.2 Coordinate requirements and proposed technical solutions with DO, SC, IN and XP focal points.

2.3.1.3 Balance deficiencies identified by the CINC J2/G2s and other agencies in the Surveillance and Reconnaissance Mission Area Plan (S&R MAP) for possible MAE UAV P3I.

2.3.1.4 Serve as DR focal point for UAV funding issues.

3. MILESTONE CHARTS: None.
4. ESTIMATED FUNDING BY FISCAL YEAR: See POM
5. OTHER CHARTS/GRAPHS/PICTURES/TABLES: See Final CAF ORD 003-90-1-A for an Endurance Unmanned Aerial Vehicles (E-UAVs)

**ANNEX X - COMPTROLLER**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/FMA**

1. **PURPOSE:** Prescribes Comptroller actions in support of this plan.

2. **REFERENCES:**

2.1 AFI 65-101

2.2 AFI 65-601

2.3 AFD 65-5

2.4 AFI 65-503

3. **RESPONSIBILITIES AND ACTIONS:**

3.1 All participating MAJCOMs, agencies and organizations will fund and execute the Plan in accordance with AFI 65-601.

3.2 Chief, Budget Execution & Analysis (HQ ACC/FMA) will:

3.2.1 Assist the ACC staff in the identification of ACC O&M, to include Non-Fly DLR's, CLS requirements, MFH and Investment funding requirements and any other funding requirements.

3.2.2 Request the staff provide funding requirements above for inclusion in the appropriate financial plans or before initial distribution.

3.2.3 Reprogram approved funding based on staff trade-offs to reflect operating changes affected by this plan.

3.2.4 Coordinate funding responsibilities and resolve funding issues with other affected MAJCOMs.

3.2.5 Provide financial analysis to the ACC staff as required.

3.2.6 Assist OPRs with any cost-related issues.

3.2.7 Employ SAF/FMC Cost Collection System developed by the Air Force Cost Analysis Agency.

3.2.8 Attend PIPT meetings and work all related financial issues/taskings that arise.

3.2.9 Monitor status of Plan. Ensure all financial actions are accomplished on time.

3.3 The 11RS has been activated at ISAFAP. Baseline funding has been established for day to day operations by 11RS. 11RS will:

3.3.1 Identify excess/additive O&M, MFH, Investment funding and all other known requirements in the financial plan and execution reports as appropriate.

3.3.2 Use ESP "UV" code to record and report additive O&M, MFH, Investment costs, and all other costs related to this plan.

3.3.3 Work with HQ/ACC staff to ensure all appropriate costs are identified.



**ANNEX Z - REQUIRED REPORTS - RCS:ACC-XPP(AR)9601)**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/XPP**

1. **PURPOSE:** Prescribes the recurring progress reports for this programming plan and provides reporting guidance. HQ ACC/XPPX, DSN 574-4649 is the office of primary responsibility (OPR) for this annex.
2. **REFERENCE:** ACCI 10-550
3. **PARTICIPATING ORGANIZATIONS:** HQ ACC and 57 WG
4. **RESPONSIBILITIES AND ACTIONS:**

4.1 **General Guidance:**

4.1.1 All reporting associated with the implementation of ACC force structure and basing PPlans is accomplished through the ACC Program Management System (PMS). This is a stand-alone application based on Microsoft Access, but which does not require Access to run. PMS has already been installed on all HQ ACC Local Area Networks (LANs) to support the reporting process for UNCLASSIFIED/FOUO PPlans. Designated Functional Area Managers (FAMs) should contact their PMS database if they are unable to locate the Microsoft Access Icon within their LAN group. FAMs may call HQ ACC/XPPX, DSN 574-4649, if unable to identify the database manager.

4.1.2 All PPlan data is contained in the PMS database. A complete update will be provided to all FAMs at the end of the first week following the end of each reporting month so that they can update information for the next cycle. The designated unit OPR will also receive a copy. The update will be in the form of an E-mail from HQ ACC/XPPX containing a copy of "EXPORTED.MDB".

4.1.3 ACC PMS will be provided to the reporting field unit agency by HQ ACC/XPPX prior to the initial reporting due date if this has not already been accomplished.

4.2 **HQ ACC Functional Area Managers (FAMs):** The HQ ACC FAMs are listed on pages 13 and 14 of this PPlan. These individuals will report on the status of actions within their area of responsibility according to the following guidance:

4.2.1 HQ ACC FAMs will report only on action items and program milestones for which the OPR is an HQ ACC staff agency within their functional area (units will report on those with field OPRs). FAMs are, however, responsible for monitoring the accomplishment of all PPlan action items and milestones within their functional area. Following is a prefix guide showing which action items fall under the responsibility of each FAM (some PPlans do not contain items for every area):

OP - Operations	SE - Safety
LG - Logistics	SP - Security Police
MP - Manpower/Organization	IN - Intelligence
DP - Personnel	FM - Comptroller/Financial Mgmt
CE - Civil Engineering/Facilities	SG - Medical
SC - Communications-Computer Systems	PA - Public Affairs
JA - Judge Advocate	CH - Chaplain
HO - History	

4.2.2 The following information is required to be updated for each reportable action item/milestone (instructions on where to go within PMS to find the action items and milestones are provided in Appendix 1 to this

annex). Inputs are due to HQ ACC/XPPX by the last workday of each month (via E-mail). Reporting will commence with the end of Dec 96 cycle and will continue until all action items within each FAM's area of responsibility have been completed. FAMs will continue to receive monthly updates via the EXPORTED.MDB file and will be able to review unit progress toward program implementation until the PPlan objective has been met.

**4.2.2.1 SUSPENSE window:** Update only if a change (slip) is required. In the small block next to the suspense window, the letter "A" will be automatically assigned for the first slip, the letter "B" for a second slip, etc. Note that slips in action item suspense dates are at the discretion of the FAM. However, for action items which are critical to a milestone, suspense slips past the associated milestone completion date will change milestone/program status to "red". Milestones will NOT be slipped unless specifically approved by the HQ ACC/XPP program manager.

**4.2.2.2 ASSESSMENT window:** An explanation must be entered if a suspense is slipped, including potential impact. If the item is closed, specify when/by what action. Other remarks are at the discretion of the FAM.

**4.3 Unit Reporting:** Unit reporting will be accomplished by the appointed POC according to the following guidance:

**4.3.1** Select the "PPlan" screen within ACC PMS (instructions for finding the screen are contained in Appendix 1 to this annex). In the window provided, enter wing commander's assessment of the overall progress toward meeting the objectives of this PPlan, highlighting any significant problem areas requiring HQ ACC involvement.

**4.3.2** Next, access the "Action Item" screen (see instructions in Appendix 1). All action items for which a unit agency is listed as OPR are reportable. See paras 4.2.2.1 and 4.2.2.2 above for instructions.

**4.3.3** Accomplish the same procedure for milestones.

**4.3.4** Inputs are due to HQ ACC/XPPX by the last workday of each month (via E-mail). Reporting will commence with the end of Dec 96 cycle and will continue until all actions supporting program implementation have been met.

**APPENDIX I, ANNEX Z**  
**USE OF ACC PROGRAMS MANAGEMENT SYSTEM**  
**FOR PPLAN REPORTING**  
**ACC PROGRAMMING PLAN 97-03**

**OPR: HQ ACC/XPP**

Following are the easy steps to accessing the ACC Programs Management System (PMS) database for reporting on this PPlan:

**PART I - FINDING THE PPLAN:**

1. Find the PMS icon within your Microsoft Windows. Click on the icon to initiate the program.
2. When the program comes up you will see a screen called "XP Plan Logon". Select "User" and tell the system "OK" when it states that you are logged on as a User, not an Administrator.
3. The foregoing step will take you to the "Date Input Form" screen. Enter the current date, or if the current date already appears in the window, select "OK".
4. Next you will see a screen showing red action items and milestones, if any. You may review the screen or select "OK" to move to the "intro" screen (screen with the ACC shield).
5. Click on "Open PPlan Form." This will put you into the "PPlan" screen.
6. Click on the arrow for the "Select PPlan" window near the top left corner of the screen. By scrolling up and down you can select the appropriate PPlan number.

*(NOTE FOR UNIT REPORT OPR: The Commander's Assessment window discussed within Annex Z is on this screen. Simply click within the window to update the information).*

*(NOTE FOR ALL: Within the ACC PMS database, you can click the "Spread Sheet" button near the top of the screen to view information on all ACC PPlans. Window back and forth between the spread sheet mode and individual PPlan screen to see how it works. For the reporting field unit, this capability will not be available until after the first reporting period when HQ ACC distributes the updated database.)*

**PART II - FINDING THE ACTION ITEMS**

1. Follow instructions from PART I, above.
2. Once you have entered the screen for the PPlan on which you are reporting, click on the "Action Item" button near the top of the screen.
3. Click on the arrow for the "Select Action Item" window near the top of the screen. By scrolling up and down you can select the action items within your area of responsibility (you can view the other action items for the plan, too).

*(NOTE FOR ALL: The action item suspense date and assessment windows discussed within Annex Z are on this screen. Also, note that you can click the "Spread Sheet" button near the top of the screen to collectively view all PPlan action items. Window back and forth between the spread sheet mode and individual action items to see how it works).*

**PART III - FINDING THE PROGRAM MILESTONES**

1. From the screen for the PPlan on which you are reporting, click on the "Milestone" button near the top of the screen.
2. Click on the arrow for the "Select Milestone" window near the top of the screen. By scrolling up and down you can select the milestones within your area of responsibility. To view all milestones associated with the PPlan, click on the "Spreadsheet" button near the top of the screen.

(NOTE FOR ALL: Close out of the Action Item and Milestone screens by clicking on the "Close" button near the bottom of the screen, or by selecting "File" and "Exit.")

#### **PART IV - SORTING BY SUSPENSE DATE**

1. In order to see what actions will be due by a particular date, go to the "intro" screen (screen with the ACC shield).
2. Select "Report Selector." Next, select "Open Action Items." This step will give you access to both action items and milestones.
3. Input the suspense date in which you are interested.
4. Select "Preview."
5. The first screen will be a list of milestones due by the date of interest. Scroll down to see your PPlan. Select "File" followed by "Print" if you wish to print your PPlan milestones.
6. Next, select "File" followed by "Close" to view the action items which are due by the suspense date of interest. Select "File" followed by "Print" if you wish to print the action items.

APPENDIX 2, ANNEX Z  
ACTION ITEMS  
ACC PROGRAMMING PLAN 97-03

OPR: HQ ACC/XPP

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
CE-101	Environmental Assessment	HQ ACC/XPPB/CEV	11/30/96	Closed	03
CE-102	Classroom Space at ISAF AF	99SPS/CC	12/4/96	Closed	
CE-103	Customer Criteria Document for FY99 MILCON	ACC CES/ESPE	8/1/97	Open	

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

No	Title	OPR	Suspense	Open/Closed	Critical Action
FM-101	Contractor Host Tenant Support Agreement (HT	JPO	2/1/97	Open	
FM-102	Funding for SATAF I and II Comm Requirements	57 WG	2/1/97	Open	05

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
IN-101	JDISS Training	ACC/INF	12/31/96	Open	
IN-102	IQT Syllabus Coordination with 315 TRS/DOED	ACC/INXS	12/15/96	Closed	
IN-103	IN1X1 Inbound Not S-Coded	ACC/INF	12/3/96	Closed	
IN-104	Available Funds for 315 TRS Softcopy Exploit	ACC/INXS	12/3/96	Closed	
IN-105	IN1X1 Payload Operator (PO) IQT Training Req	11RS/DO	12/3/96	Closed	
IN-106	Map Scanning Equipment/Software	ACC/INXS	12/15/96	Open	
IN-107	IN0X1 IQT Training Requirements	11RS	12/15/96	Open	

**As of: 04-Dec-96**



**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

No	Title	OPR	Suspense	Open/Closed	Critical Action
LG-101	Training of Maintenance Personnel	HQ ACC/DOT/LGQ	12/1/96	Closed	
LG-102	UAV Maintenance Training Manpower	ACC/LGRR/LGQT/X	1/30/97	Closed	
LG-103	Training Plans	982 TRG		Closed	
LG-104	Identify Additional Vehicle Requirements	11 RS / 99 TRNS	12/1/96	Closed	
LG-105	Amount of ICS Contractor	11RS/CC		Closed	
LG-106	Transport of Equipment to IS	99TRNS		Closed	
LG-107	Cost of Shipping Equipment to IS	99TRNS		Closed	
LG-108	LG Engine Training	JPO		Closed	
LG-109	Classroom Equipment	11RS		Closed	
LG-110	ICS Contractor Manning	ASC/RAR/JPO		Closed	

LG-111	Classroom/Contractor Facilities	11RS/DO/MA		Closed
LG-112	Conduct Site Survey	11RS/DO/MA	12/3/96	Closed
LG-113	Maintenance Trainer	ACC/LGR	12/4/96	Closed

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
LG-114	Move Trainers to IS	ACC/FM/LGT	12/4/96	Closed	
LG-115	Establish an Allowance Standard (AS)	ASC/RAR	2/1/97	Open	
LG-116	Adjust 11RS Vehicle Authorizations	ACC/LGT		Closed	
LG-117	Nellis - ISAFAP Shuttle Service	ACC/LGT		Closed	
LG-118	XXRS Vehicle Requirements	ACC/LGT		Closed	
LG-119	Dedicated Trng Vehicle for AETC Trng Det (TD)	JPO	2/1/97	Open	
LG-120	Use Contractor Data by AETC, Perform Hands-O	ASC/RAR	12/20/96	Open	

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
MP-101	57 OSS Support	AWC/MO	11/30/96	Closed	
MP-102	BOS Manpower	AWC/MO	2/28/97	Open	

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

No	Title	OPR	Suspense	Open/Closed	Critical Action
OP-101	Create and Publish Predator Regulatory Guida	ACC/DOU	10/1/97	Open	09
OP-102	Predator AVO and Payload Simulator	ACC/DOU	2/3/97	Open	
OP-103	Establish Air Force Predator Training Program	ACC/DOU	2/1/97	Open	04
OP-104	COMSEC Account for 11RS Weather Support Team	11RS	2/1/97	Open	
OP-105	Airfield Weather Observing Equipment at Indian Springs	11RS, 99CS	2/1/97	Open	
OP-106	Weather Support Equipment for 11RS	11RS	2/1/97	Open	
OP-107	Manning for WX Support to 11RS	11RS	12/4/96	Closed	

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
SC-101	CEASE BUZZER EW Procedures Training	99CS	12/6/96	Open	05
SC-102	Predator Ground Segment Connectivity and Sit	PMA-263P	3/1/97	Open	05
SC-103	ISAFAF Telephone Switch Expansion	99CS	3/1/97	Open	05
SC-104	Finalize Communications Requirements and Imp	11RS	6/1/97	Open	
SC-105	Establish Permanent UAV Frequencies	PMA-263P	6/1/97	Open	
SC-106	Commercial SATCOM Funding (ISAFAF)	PMA-263P	2/1/97	Open	05
SC-107	11RS Deployable Comm AFETS/CETS	ACC LSG/MSO	2/1/97	Open	
SC-108	Predator Deployable SATCOM Systems	PMA-263P	3/1/97	Open	05

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

No	Title	OPR	Suspense	Open/Closed	Critical Action
SG-101	Develop MOU between 11RS, 99RG, and 99 MDG	11RS/SG	10/1/97	Open	
SG-102	Protocol for DNIF, return to duty by IDMT	11RS/SG	7/1/97	Open	
SG-103	Communication Problems	11RS/SG	5/1/97	Open	

As of: 04-Dec-96

**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
SP-101	11RS IQT Training Classroom Space	ACC/SPXS	12/4/96	Closed	

As of: 04-Dec-96



**PPlan 97-03**  
**SITE ACTION TASK FORCE (SATAF)**  
**ACTION ITEM SPREADSHEET**

<b>No</b>	<b>Title</b>	<b>OPR</b>	<b>Suspense</b>	<b>Open/Closed</b>	<b>Critical Action</b>
SV-101	Additional Contract Personnel	99 CONS/LGS	6/30/96	Closed	
SV-102	Dining Facility Renovation	99 CES/CEC	12/1/97	Open	11
SV-103	Indian Springs Pool Renovation	99 CES/CEC	6/1/98	Open	
SV-104	VOQ/VAQ Expansion	99 CES/CEC	1/1/97	Closed	
SV-105	Fitness Operation Renovation	99 CES/CEC	1/1/97	Open	
SV-106	Dining Facility Expansion	99CES/CEC	1/1/97	Open	

As of: 04-Dec-96

# **SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: CE-101

Name of Submitter: (b)(6)

Date: 31-Jan-96

Org/Office Symbol: HQ ACC/CEPR

Telephone (DSN): 574-3187

OPR: HQ ACC/XPPB/CEV

OCR: 99 ABW/EM

Suspense: 11/30/96

Date: 03-Dec-96

Critical Action: Yes

03

Open/Closed: Closed

Milestone(s):

Red/Green: Green

Title Environmental Assessment

**Problem/Impact:**

Description of Propose Alternatives and Action (DOPAA) and Environmental Assessment (EA) needs to be accomplished to reflect increased predator UAV beddown from 10 PAI to 30 PAI.

**Required Action:**

- XPPB complete DOPAA and submit to ACC/CEV
- 99 ABW/EM complete EA
- Notify affected public

**Action Taken:**

Closed at SATAF III

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: CE-102

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: 99RANSS/RSF

Telephone (DSN):

OPR: 99SPS/CC

OCR: 11RS/CC

Suspense: 12/4/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Classroom Space at ISAFAF

**Problem/Impact:**

11RS needs 2 classrooms for IQT (pilot, maintenance, communications).

**Required Action:**

99SPS/Silver Flag Alpha has agreed to let 11RS use the north three classrooms in building 262 at ISAFAF. 11RS will relinquish these rooms back to SFA in 18-24 months (upon completion of the 11RS 97 Milcon). SFA retains use of the south room. Date: 4 Dec 96.

**Action Taken:**

11RS and 99SPS have written agreement on mutual use of building 262 at ISAFAF. Closed on 4 Dec 96.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: CE-103

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/CEPR

Telephone (DSN): 574-3187

OPR: ACC CES/ESPE

OCR: 11RS

Suspense: 8/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Customer Criteria Document for FY99 MILCON

**Problem/Impact:**

There are 3 FY99 MILCON projects to support the UAV Predator Beddown at ISAFAP. These projects need to have the scope, cost, and building layout refined in greater detail.

**Required Action:**

ACC CES/ESPE (b)(6) need to initiate the CCD process to further refine the 3 FY99 MILCON projects. 11RS personnel need to be actively involved in this process.

**Action Taken:**

Open item

# **SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: FM-101

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: HQ ACC/XPP

Telephone (DSN): 574-4586

OPR: JPO

OCR: 99ABW/Plans

Suspense: 2/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Contractor Host Tenant Support Agreement (HTSA)

**Problem/Impact:**

No HTSA for funding of BOS provided to contractors providing support to the IIRS at Indian Springs AFAF.

**Required Action:**

Develop and finalize HTSA between 99 ABW and GA, Lockheed Martin, Battlespace, etc.

**Action Taken:**

Another OCR (in addition to 99 ABW/Plans) is ACC FMA.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: FM-102

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-0569

OPR: 57 WG

OCR: ACC/DOU

Suspense: 2/1/97

Date: 03-Dec-96

Critical Action: Yes

05

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Funding for SATAF I and II Comm Requirements

**Problem/Impact:**

Numerous communications requirements (C4RDS 96-0603, 96-0933, 96-1125, 96-0577, 96-0319, and 96-13667) remain completely or partially unfunded. These requirements include installation of base LAN at ISAF, SIPRNET connectivity, and video/frame imagery dissemination to RED FLAG.

**Required Action:**

Provide funding as estimated in Project Support Agreements currently estimated at \$550K to 99CS for disbursement to engineering and installation activities.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: IN-101

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/INX

Telephone (DSN): 574-3629

OPR: ACC/INF

OCR: ACC/INX

Suspense: 12/31/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title JDISS Training

Problem/Impact:

Limited number of JDISS trained personnel in 11RS. JDISS required to move annotated frames to users. A trained JDISS instructor is required (current trainer is deploying 5 Dec 96).

Required Action:

ACC/INFF will obtain JDISS slots from USACOM for 11RS personnel, to include a Train-the-Trainer (T3) course scheduled for Jan 97. 11RS must identify individuals (specifically for T3) for training to ACC/INFF NLT 15 Dec 96.

Action Taken:

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: IN-102

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/INXS

Telephone (DSN): 574-3629

OPR: ACC/INXS

OCR: AETC/TRS

Suspense: 12/15/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title IQT Syllabus Coordination with 315 TRS/DOED

**Problem/Impact:**

315 TRS should coordinate on the training syllabus in order to support any unique training requirements for the imagery analyst basic course taught at Goodfellow AFB.

**Required Action:**

AETC/RS provide 315 TRS copy of 11RS Payload Operator portion of the training syllabus for coordination.

**Action Taken:**

Requested copy be provided to 315 TRS for review. Closed via (b)(6) @ SATAF IIL.



**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

**PPlan No:** 97-03

**Action Item No:** IN-103

**Name of Submitter:** (b)(6)

**Date:** 03-Dec-96

**Org/Office Symbol:** ACC/INXS

**Telephone (DSN):** 574-3629

**OPR:** ACC/INF

**OCR:** ACC/INX

**Suspense:** 12/3/96

**Date:** 03-Dec-96

**Critical Action:** No

**Milestone(s):**

**Open/Closed:** Closed

**Red/Green:** Green

**Title** IN1X1 Inbound Not S-Coded

**Problem/Impact:**

Inbound personnel cannot be transferred in-status unless they are assigned to 11RS as an S-Coded (SCI) billet.

**Required Action:**

All 11RS billets need to be S-Coded.

**Action Taken:**

Conferred with AC/DP on 1N1 billets; confirmed all will be S-Coded

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: IN-104

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/INXS

Telephone (DSN): 574-3629

OPR: ACC/INXS

OCR:

Suspense: 12/3/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Available Funds for 315 TRS Softcopy Exploitation

**Problem/Impact:**

Imagery Analyst Training at Goodfellow lacks sufficient resources to provide softcopy exploitation training.

**Required Action:**

HQ ACC/INXS will attempt to provide some resource support if funding is available in FY97.

**Action Taken:**

If funding available, ACC/INXS will assist.

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: IN-105

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/INXS

Telephone (DSN): 574-3629

OPR: 11RS/DO

OCR: ACC/INF

Suspense: 12/3/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title 1N1X1 Payload Operator (PO) IQT Training Reqs

**Problem/Impact:**

It is unclear how many 11RS 1N1X1s require PO IQT, including those who have not had PO IQT (both inbound and present) and how many remain do not proficient as POs.

**Required Action:**

Provide names of those 1N1X1s that require PO IQT by 5 Dec 96, (including those forecast to arrive by 1 Feb 97).

**Action Taken:**

Closed via (b)(6) @ SATAF III.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: IN-106

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/INXS

Telephone (DSN): 574-3629

OPR: ACC/INXS

OCR: General Atomics

Suspense: 12/15/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Map Scanning Equipment/Software

**Problem/Impact:**

IIIRS at Indian Springs does not have the capability to scan maps for AVO/PPO tracker screen.

**Required Action:**

Request General Atomics identify the scanning equipment and software used at their facility for the tracker in the GCS.

**Action Taken:**

Requested GA provide ACC/INX the information NLT 5 Dec 95

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: IN-107

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/INXS

Telephone (DSN): 574-3629

OPR: 11RS

OCR: ACC/INF

Suspense: 12/15/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title 1N0X1 IQT Training Requirements

**Problem/Impact:**

What type of IQT training is required of 1N0's assigned to the 11RS.

**Required Action:**

Request 11RS identify the type of training newly assigned 1N0X1's will receive (mission planning, DEMPC, GCS familiarization).

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

**PPlan No:** 97-03

**Action Item No:** LG-101

**Name of Submitter:** (b)(6)

**Date:** 25-Oct-95

**Org/Office Symbol:** 11RS/MA

**Telephone (DSN):** 682-8710

**OPR:** HQ ACC/DOT/LGQ

**OCR:** HQ ACC/LGR//11R

**Suspense:** 12/1/96

**Date:** 03-Dec-96

**Critical Action:** No

**Milestone(s):**

**Open/Closed:** Closed

**Red/Green:** Red

**Title** Training of Maintenance Personnel

**Problem/Impact:**

Where will maintenance personnel go to receive training on the UAVS? What will be required to get a person trained? How long is the required formal training?

**Required Action:**

Need class dates/schedule ASAP - if formal training is 3 months or longer we can schedule maintainers ASAP - but also equally important we need the personnel to send.

**Action Taken:**

Three of the four courses have been developed by AETC: Predator and ground station O&M, Servicing, and Pyrotechniques. Training will be conducted by AETC Training Detachment Instructors pending equipment availability and TPR determination. Equipment being inventoried and TPR has been validated.

# **SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET**

**PPlan No:** 97-03

**Action Item No:** LG-102

**Name of Submitter:**

(b)(6)

**Date:** 30-Jan-96

**Org/Office Symbol:** HQ AETS/TTRS

**Telephone (DSN):** 487-2662

**OPR:** ACC/LGRR/LGQT/X

**OCR:** 982 TRG/ACC

**Suspense:** 1/30/97

**Date:** 04-Dec-96

**Critical Action:** No

**Milestone(s):**

**Open/Closed:** Closed

**Red/Green:** Green

**Title** UAV Maintenance Training Manpower

**Problem/Impact:**

AETC requires 2 manpower positions to support the UAV training program.

**Required Action:**

Upon formal announcement on who will conduct maintenance (type 1 or blue suit) manpower positions should be allocated to AETC to support training within the 13th Training Detachment. Code 54 should be assigned to (b)(6) and (b)(6) by the 982 TRG asap!

**Action Taken:**

LG: It has been determined that AETC will accomplish all UAV Maintenance Training. Two (2) TD instructors are the right amount for the sustainment of training. Awaiting ACC/XPMR action to transfer two (2) positions. Per (b)(6) XPM, two (2) positions will be placed in the UMD.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-103

Name of Submitter: (b)(6)

Date: 30-Jan-96

Org/Office Symbol: HQ ACC/LGQT

Telephone (DSN): 574-2102

OPR: 982 TRG

OCR: HQ ACC/LGQT

Suspense:

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Training Plans

**Problem/Impact:**

A training plan for maintenance, handling and transferring pyrotechnics (for the emergency recovery system), and composite repairs does not exist.

**Required Action:**

Using LSA data provided by the contractor, develop core tasks, course training standards and plans of instruction. Also, develop time lines for course implementation.

**Action Taken:**

Training plans for maintenance, handling and transferring of pyrotechnics have been developed and will be validated starting Jan 97. Composite repair training requirements will be identified once the repair capability is determined.



## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-104

Name of Submitter: (b)(6)

Date: 30-Jan-96

Org/Office Symbol: ACC/LGT

Telephone (DSN): 574-3417

OPR: 11 RS / 99 TRNS

OCR:

Suspense: 12/1/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Identify Additional Vehicle Requirements

**Problem/Impact:**

Currently assigned vehicle package supports 10 UAVs and 125 personnel. SATAF II expands parameters of support to 30 UAVs and 480 personnel.

**Required Action:**

11 RS must identify vehicles necessary to support increased maintenance requirements to 99 TRNS Fleet Management for validation and submission to HQ ACC/LGTV.

**Action Taken:**

lvsjun 31 May update: Per telecon w/ ACC/LGT, submitter will amend suspense to 1 Oct with explanation. On 29 Oct, 99TRS/CD advised that they have been in contact with 11RS/CC. The unit's OPR is supposed to be providing data to validation but has not been received, slipped suspense by ACC/LG. 12/3/96 - 11RS has not identified any additional vehicle requirements nor do they anticipate any for the foreseeable future. If any additional requirements do occur, 11RS will coordinate them through 99TRNS/LGTO. Item closed during SATAF III.

# **SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-105

Name of Submitter:

Date: 04-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN):

OPR: 11RS/CC

OCR:

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Amount of ICS Contractor

**Problem/Impact:**

57WG needs to buy into the # and type of ICS contractors. 11RS work with ASC/RA to provide requested amount of support. (Ref 001)

**Required Action:**

**Action Taken:**

Statement of work turned in 21 Nov 96. This provides required amount of ICS. Closed on 4 Dec 96.

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

**PPlan No:** 97-03

**Action Item No:** LG-106

**Name of Submitter:** (b)(6)

**Date:** 04-Dec-96

**Org/Office Symbol:** ACC/XPPC

**Telephone (DSN):**

**OPR:** 99TRNS

**OCR:**

**Suspense:**

**Date:** 04-Dec-96

**Critical Action:** No

**Milestone(s):**

**Open/Closed:** Closed

**Red/Green:** Green

**Title** Transport of Equipment to IS

**Problem/Impact:**

Move Predator System from Ft Huachuca to Indian Springs. 99TRNS will accomplish task and develop plan. (Ref 002)

**Required Action:**

**Action Taken:**

All equipment is at Indian Springs. Closed on 4 Dec 96.

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-107

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/FMA

Telephone (DSN):

OPR: 99TRNS

OCR:

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Cost of Shipping Equipment to IS

**Problem/Impact:**

Determine cost of shipment of Predator equipment to Indian Springs. (Ref 003)

**Required Action:**

**Action Taken:**

All costs have been identified. The move is complete. Closed on 4 Dec 96.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-108

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/XPPC

Telephone (DSN):

OPR: JPO

OCR:

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title LG Engine Training

**Problem/Impact:**

11RS requires a separate Rotax engine, Rotax manuals, tools, engine stands, etc. for maintenance training. JPO to buy or source Rotax engine for 11RS training. Consider use of P00 1 as permanent maintenance trainer. An old engine needs to be used if possible. (Ref 006)

**Required Action:**

**Action Taken:**

JPO has procured an engine. It is currently in transient to Indian Springs. Closed on 4 Dec 96.

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-109

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol:

Telephone (DSN):

OPR: 11RS

OCR:

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Classroom Equipment

Problem/Impact:

Identify classroom equipment requirements and pass to TRSS. (Ref 012)

Required Action:

Action Taken:

Equipment has been identified and is being procured at this time. Closed on 4 Dec 96.

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-110

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol:

Telephone (DSN):

OPR: ASC/RAR/JPO

OCR:

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title ICS Contractor Manning

**Problem/Impact:**

Establish manning requirements of ICS contract. Ensure that the number of contracts is limited as per 11RS needs and that contractor manning is stable. Need to address GA, LM, and NG contract requirements.

**Required Action:**

**Action Taken:**

(See 001). Closed on 4 Dec 96. Also, the fourth OPR is the 11RS.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-111

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: 11RS

Telephone (DSN):

OPR: 11RS/DO/MA

OCR:

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Classroom/Contractor Facilities

**Problem/Impact:**

Identify classroom/contractor facilities. (Ref 015)

**Required Action:**

**Action Taken:**

Facility issue has been resolved for logistics. Closed on 4 Dec 96.



# **SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-112

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol:

Telephone (DSN):

OPR: 11RS/DO/MA

OCR:

Suspense: 12/3/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Conduct Site Survey

**Problem/Impact:**

System experts conduct site survey at Indian Springs. (Ref 016)

**Required Action:**

**Action Taken:**

Closed on 4 Dec 96.

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-113

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/XPPC

Telephone (DSN):

OPR: ACC/LGR

OCR:

Suspense: 12/4/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Maintenance Trainer

**Problem/Impact:**

Declare A/C P001 as excess and to be used as a part task maintenance trainer. (Ref 021)

**Required Action:**

**Action Taken:**

New Action Item is being opened to include this. Closed on 4 Dec 96.

# **SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-114

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/XPPC

Telephone (DSN):

OPR: ACC/FM/LGT

OCR:

Suspense: 12/4/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Move Trainers to IS

**Problem/Impact:**

Identify all costs associated for move from Ft Huachuca to IS.

**Required Action:**

**Action Taken:**

All equipment is in place at IS and cost documented. Closed on 4 Dec 96.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-115

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/LGSWG

Telephone (DSN): 574-4202

OPR: ASC/RAR

OCR: ACC/LGSWG

Suspense: 2/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Establish an Allowance Standard (AS)

**Problem/Impact:**

No Equipment Allowance Standard has been established for the Predator System. On-hand items are accounted for against a temporary allowance standard.

**Required Action:**

ASC/RAR must identify all required support equipment items i.e. half rack to HQ ACC/LGSWG and 78ABW/LGSE for establishment of an AS.

**Action Taken:**

**SITE ACTION TASK FORCE (SATAF)  
ACTION ITEM WORKSHEET**

PPlan No: 97-03

Action Item No: LG-116

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/LGT

Telephone (DSN): 574-3417

OPR: ACC/LGT

OCR: 11RS

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Adjust 11RS Vehicle Authorizations

**Problem/Impact:**

Vehicles currently authorized are not the correct number and types needed.

**Required Action:**

Vehicle Authorization List requires adjustment to reflect correct vehicle mix to support the 11RS.

**Action Taken:**

Reduced number of vehicle authorizations by 14. Adjusted vehicle authorization list to reflect support for current and projected requirements and utilization. Action Item closed on 4 Dec 96.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-117

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/LGT

Telephone (DSN): 574-3417

OPR: ACC/LGT

OCR: 99TRNS

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Nellis - ISAF AF Shuttle Service

**Problem/Impact:**

11RS requires transportation for personnel residing in the Nellis area to ISAF AF.

**Required Action:**

99TRNS will establish shuttle service upon request from 11RS. If utilization exceeds capability of currently assigned assets, steps will be taken to lease or buy additional intercity buses. 15 pax vans currently assigned will be reduced upon initiation of shuttle service.

**Action Taken:**

Conveyed and coordinated actions required to provide timely support to 99TRNS and 11RS personnel. Action Item closed on 4 Dec 96.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-118

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/LGT

Telephone (DSN): 574-3417

OPR: ACC/LGT

OCR: 11RS

Suspense:

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title XXRS Vehicle Requirements

**Problem/Impact:**

Vehicle procurement is a 3-year process. As such, vehicles required for the XXRS must be identified now for inclusion in the FY99 POM.

**Required Action:**

Build vehicle authorization list based upon current operations and training requirements of the 11RS.

**Action Taken:**

Established requirements document identifying vehicles package. Provided document to ACC UAV PEM. Action Item closed on 4 Dec 96.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-119

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/LGQT

Telephone (DSN): 574-3016

OPR: JPO

OCR:

Suspense: 2/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Dedicated Trng Vehicle for AETC Trng Det (TD)

**Problem/Impact:**

Maintenance Training requires a dedicated training vehicle (Predator 1 or 4) to accomplish performance objectives. Also, misc throwaway parts and pieces to use as training aids.

**Required Action:**

Acquire Predator 1 or 4 to be used as a dedicated training aid. Acquire throwaway parts and pieces for training aids. The TD should have custody of all dedicated training aids.

**Action Taken:**



## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: LG-120

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/LGQM

Telephone (DSN):

OPR: ASC/RAR

OCR: HQ ACC/LGQ

Suspense: 12/20/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Use Contractor Data by AETC, Perform Hands-On Trng

**Problem/Impact:**

Verified technical data does not exist to support UAV Predator training tentatively scheduled for 6 Jan 97.

**Required Action:**

Need a T.O. policy read from AFMC/EN as to whether or not the existing contractor data (not validated or verified) can be used by FTD to perform the hands-on training portion of the course until the verified technical data is delivered.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: MP-101

Name of Submitter: (b)(6)

Date: 01-Feb-96

Org/Office Symbol: HQ ACC/XPMRM

Telephone (DSN): 574-5021

OPR: AWC/MO

OCR: 57 OSS/CC

Suspense: 11/30/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title 57 OSS Support

**Problem/Impact:**

Standup of the 11 RS will require support from various 57 OSS work centers.

**Required Action:**

AWC/MO validate additional 57 OSS manpower requirements generated by the 11 RS and prepare variances as required for submission to HQ ACC/XPM.

**Action Taken:**

Variances submitted and validated for the 3 functions; 1 ops scheduler, 1 programmer, 1 ops trainer. These will be authorized from within the overall predator funding level.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: MP-102

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/XPMRM

Telephone (DSN): 574-5021

OPR: AWC/MO

OCR: ACC/XPMR

Suspense: 2/28/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title BOS Manpower

**Problem/Impact:**

The Unit Manpower Document must be updated to reflect base operating support associated with the beddown of additional Predator manpower authorizations.

**Required Action:**

AWC/MO in conjunction with base support representatives determine AFCS, grade, and skill level for additional base operating support authorizations. Workload factor volume will be limited to that generated by the beddown of the 11 RS. HQ ACC/XPMR will input reported data into the command manpower data system.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-101

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: ACC/DOU

OCR: 11RS/DO

Suspense: 10/1/97

Date: 03-Dec-96

Critical Action: Yes

09

Open/Closed: Open

Milestone(s):

Red/Green: Green

Title Create and Publish Predator Regulatory Guidance

**Problem/Impact:**

Regulatory guidance for Predator is inadequate and in many cases nonexistent.

**Required Action:**

Publish new regulatory guidance and/or modify existing guidance to include Predator/UAV operations.

**Action Taken:**

ACC/DOU is preparing 11 series regulations. Autometric contractor hired by ACC/DOU to complete the task.  
ECD: Initial review is Jul 97.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-102

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: ACC/DOU

OCR: PMA 263 (JPO)

Suspense: 2/3/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Predator AVO and Payload Simulator

**Problem/Impact:**

ACC Predator training program requires an AVO and Payload operator simulator. The system should be self-contained and stand alone.

**Required Action:**

Develop and procure at least two simulation systems.

**Action Taken:**

PMA 263 (JPO) has been tasked to study the procurement of a fully integrated AVO/PO simulator. \$2.8M 3080 money is available to facilitate the purchase. ACC/DOU has independently studied the Greystone Virtual UAV. An interim system can be developed by using the Silicon Graphics Onyx computer from the VUAV and attaching it to the current GCS to provide an AVO simulator. This capability maybe in place at Indian Springs by Feb 97. Further study of a second Silicon Graphics Onyx to drive the PO station will be looked into. The Greystone VUAV as it currently exists can provide Payload Operator training, plans to purchase that capability are being worked by ACC/DOU.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-103

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: ACC/DOU

OCR: ACC/DOU

Suspense: 2/1/97

Date: 03-Dec-96

Critical Action: Yes

Milestone(s): 04

Open/Closed: Open

Red/Green: Green

Title Establish Air Force Predator Training Program

**Problem/Impact:**

Develop an ACC and AETC approved Predator IQT/MQT program for Predator personnel to be implemented with the next class (97-02).

**Required Action:**

AETC and ACC (as appropriate) develop and support training programs for AVOs, Payload Operators, System Maintenance personnel, and Trojan Spirit Operators and MX personnel. Work with the training contractors to convert or transition the current course ware.

**Action Taken:**

AETC/FTD has developed and is validating a completed MX training syllabus. The syllabus and MX training program will be implemented on 6 Feb 96. ACC/TRSS has developed and is in final review and validation of the AVO and PO course syllabus. These courses will be implemented on 3 Feb 97. ACC/SCC in conjunction with TROJAN SPIRIT SIFO help is creating organic TS II training in the 11RS. The current Army syllabus will be taught by specially trained 11RS personnel. This course and syllabus will be implemented on 3 Feb 97.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-104

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: 11RS

OCR: 99WG/SCS

Suspense: 2/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title COMSEC Account for 11RS Weather Support Team

**Problem/Impact:**

11RS Weather Support Team is scheduled to receive Small Tactical Terminals (STTs), which provide weather satellite imagery at deployed locations. STTs have a decryption device that is handled as a COMSEC item. Delays in establishing the account will cause delayed receipt of equipment and negative impact on 11RS deployed support.

**Required Action:**

11RS establish an account with 99WG COMSEC office to receive and manage the STT decryption device.

**Action Taken:**

In Oct 96, ACC/DOW coordinated with HQ Air Weather Service to add the 11RS Weather Team to the STT schedule. Because of the expected high ops tempo of 11RS, the 11RS was given high priority for receiving STTs. Deliveries begin 2Q FY97.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-105

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: 11RS, 99CS

OCR: ACC/SCCI

Suspense: 2/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Airfield Weather Observing Equipment at Indian Springs

**Problem/Impact:**

Initiation of routine 11RS flight ops at Indian Springs requires fully functional, standardized airfield weather observing equipment. A survey of current equipment is required to ensure functionality and to identify needed repairs/replacements. Also, readouts for current equipment are routed to the ISAF control tower; a second feed is needed in the 11RS WX support team work area.

**Required Action:**

11RS weather support personnel and 99CS conduct survey of present observing equipment at ISAF. Also, 11RS needs to identify requirements for display of equipment readouts in the 11RS weather work area through the standard AF Form 3215 process.

**Action Taken:**



## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-106

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: 11RS

OCR: ACC/DOW

Suspense: 2/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Weather Support Equipment for 11RS

**Problem/Impact:**

In-garrison and tactical weather equipment is required to support routine and deployed 11RS ops.

**Required Action:**

11RS identify squadron weather equipment requirements to ACC/DOW.

**Action Taken:**

Discussions between ACC/DOW, ACC/DOU, and 57OSS/OSW identified a preliminary equipment configuration as follows: A. In-garrison, 1 Automated Weather Dissemination System (AWDS) terminal, 1 weather satellite imagery receiver/processor, 1 WSR-88D Weather Radar Principal User Processor (PUP), 1 Manual Observation System (MOS) kit (backup for airfield observing equipment), office equipment (computers, etc.), access to lightning detection sensor data on Nellis range B. Deployed, 2 Tactical Forecast System (TFS) terminals, 2 Small Tactical Terminals (STT) weather satellite receivers, 2 Manual Observation System (MOS) kits, 2 electronic staff weather officer kits (laptop computers). Date: Sep - Dec 96

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: OP-107

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/DOU

Telephone (DSN): 574-1706

OPR: 11RS

OCR: ACC/DOW

Suspense: 12/4/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Manning for WX Support to 11RS

**Problem/Impact:**

The high weather sensitivity of the Predator UAV requires dedicated weather support, both in-station and for deployed operations. ACC/DOW and 11RS believe the best way to provide that support is by imbedding weather personnel within the 11RS manning structure.

**Required Action:**

11RS identify squadron weather manning requirements to ACC/XPM.

**Action Taken:**

1. Discussions between ACC/DOW and 11RS/CC led to a plan to incorporate weather support personnel directly into the 11RS manning structure, rather than having the support provided by a team from 57OSS/OSW (Nellis Weather Flight). This position is in line with Air Force weather re-engineering plans to maximize weather integration in supported customer operations. Date: Aug 96. 2. Discussions between 11RS, ACC/DOW, and ACC/XPM identified a manning configuration of 1 officer (Capt/1Lt (15W3)) as staff overhead per squadron and 1 enlisted forecaster (MSgt to SrA (1W071A - 1W051A)) per deployable Predator system. Total for 8 deployable systems in 2 squadrons will be 2 officers and 8 forecasters. XPM will adjust the squadron manning and deployment UTCs to include weather manpower. Closed 4 Dec 96. Another OCR (in addition to ACC/DOW) is ACC/XPM.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-101

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SCCJ

Telephone (DSN): 574-0569

OPR: 99CS

OCR: 11RS

Suspense: 12/6/96

Date: 03-Dec-96

Critical Action: Yes

05

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title CEASE BUZZER EW Procedures Training

**Problem/Impact:**

11RS AVOs need CEASE BUZZER procedures training to report real-time Electro-Magnetic/Radio Frequency Interference to EW operators and air traffic/range control activities supporting the Nellis Range Complex.

**Required Action:**

99CS Spectrum Management office provide orientation briefing or written guidelines to 11RS POC who will train other AVOs in-turn.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-102

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SCCJ

Telephone (DSN): 574-0569

OPR: PMA-263P

OCR: 11RS

Suspense: 3/1/97

Date: 03-Dec-96

Critical Action: Nos

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Predator Ground Segment Connectivity and Siting

**Problem/Impact:**

C-Band line of sight ground data terminal antenna may need to be removed from the Ground Control Station and mast/tower mounted to ensure optimum area coverage. Additionally, TROJAN SPIRIT II and Ground Control Station link (currently 100 foot maximum separation) may need to be extended as well when final ground segment siting is determined.

**Required Action:**

PMA-263P and/or 38 EIG engineers develop technical solution and costing when siting requirements are finalized.

**Action Taken:**

Other OCRs (in addition to 11RS) are ACC/SCCJ and ACC/CEPR.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-103

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: 99CS/SCXR

Telephone (DSN): 682-5829

OPR: 99CS

OCR: 11RS

Suspense: 3/1/97

Date: 04-Dec-96

Critical Action: Yes

05

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title ISAFAP Telephone Switch Expansion

**Problem/Impact:**

Current ISAFAP switch capacity is 92 percent filled. Previous switch replacement proposals have not been funded. The lack of telephone capability will become critical upon the completion of the FY97 MILCON project for the Squad Ops facility/AMU hangar.

**Required Action:**

99CS identify cost of switch expansion to facilitate full projected beddown requirements through 2001.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-104

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SCCJ

Telephone (DSN): 574-0569

OPR: 11RS

OCR: 99CS

Suspense: 6/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Finalize Communications Requirements and Implement

**Problem/Impact:**

Due to rapid changes in program timelines and lack of funding, several major requirements haven't been implemented or had significant modifications in scope or schedule. These projects include SIPRNET connectivity, base LAN installation, and dissemination of video/frame imagery.

**Required Action:**

11RS review existing unfilled communications requirements with 99CS and validate or change as needed and continue to submit C4RDs as needed to document new requirements. Funding for new requirements will need to be identified.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-105

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SCCJ

Telephone (DSN): 574-0569

OPR: PMA-263P

OCR: 99 CS

Suspense: 6/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Establish Permanent UAV Frequencies

**Problem/Impact:**

Upon approval of DD Form 1494 at the Joint Spectrum Center, 99CS must request permanent frequencies for Predator line of sight operations (commercial SATCOM frequencies will be issued by satellite controlling agency).

**Required Action:**

99CS request permanent frequencies (Predator operations can be supported by renewable temporary frequencies until permanent frequencies are issued). An Electro-Magnetic compatibility study (requested by 99th Range Group) may be performed if funding is identified at base-level.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-106

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SCCJ

Telephone (DSN): 574-0569

OPR: PMA-263P

OCR: ACC/SCCJ

Suspense: 2/1/97

Date: 03-Dec-96

Critical Action: Yes

05

Open/Closed: Open

Milestone(s):

Red/Green: Green

Title Commercial SATCOM Funding (ISAFAP)

**Problem/Impact:**

11RS needs confirmation of funding status for Predator C2 link (currently funded by DARO and executed by DISA/D34 Commercial SATCOM Initiative) and TROJAN Connectivity (currently funded by DARO and executed by TROJAN Switching Center at Fort Belvoir, Virginia).

**Required Action:**

PMA-263P provide 11RS and HQ ACC funding status and procedures for activating commercial SATCOM circuits or estimated funding requirements for Ku band connectivity.

**Action Taken:**



## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-107

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SCCI

Telephone (DSN): 574-0569

OPR: ACC LSG/MSO

OCR: ACC/SCCI

Suspense: 2/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title 11RS Deployable Comm AFETS/CETS

**Problem/Impact:**

11RS needs AFETS and/or CETS positions to establish organizational-level operations and sustainment training for Predator communications systems.

**Required Action:**

ACC LSG/MSO develop position description and fill as requirements are validated.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SC-108

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/SCCI

Telephone (DSN): 574-0569

OPR: PMA-263P

OCR:

Suspense: 3/1/97

Date: 04-Dec-96

Critical Action: Yes

05

Open/Closed: Open

Milestone(s):

Red/Green: Green

Title Predator Deployable SATCOM Systems

**Problem/Impact:**

There is no delivery schedule available for delivery of TROJAN SPIRIT II (or Theater Deployable Communications) systems to 11RS. If more systems are not provided, only two ACC Predator Systems will be capable of extended tether and SAR operations.

**Required Action:**

PMA-263P provide HQ ACC and 11RS with delivery schedule for Predator Deployable SATCOM Systems.

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SG-101

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SGOC

Telephone (DSN): 5747874x2214

OPR: 11RS/SG

OCR: 99MDSS/SGSR

Suspense: 10/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Develop MOU between 11RS, 99RG, and 99 MDG

**Problem/Impact:**

Who is going to provide routine and emergency medical services at the 99th Range Group (to include Silver Flag Alpha and EOD)?

**Required Action:**

An MOU needs to be developed between 11RS, 99RG, and 99MDG. Suggested items to include: 1. Routine medical care (establish medical aid station?). 2. Emergency medical service coverage to the range. 3. Sustainment training for IDMTS and EMTS. 4. Off-base emergency medical service response (Yes/No) 5. Coordination of emergency medical air evacuation (military and/or civilian)

**Action Taken:**

The 11RS/SG OPR is (b)(6) Another ACC organization/office symbol (in addition to SGOC) is SGMS at 574-7874,x2245. Another OCR (in addition to 99MDSS/SGSR) is HQ ACC/SGOC.

# SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SG-102

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SGOC

Telephone (DSN): 5747874x2214

OPR: 11RS/SG

OCR: 99AMDS/CC

Suspense: 7/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Protocol for DNIF/return to duty by IDMT

**Problem/Impact:**

Can IDMT's DNIF/return to duty flying status personnel

**Required Action:**

AFI change may be required for IDMTs to be authorized to DNIF/return to duty flying status personnel. However, it may not be anything more than a protocol change.

**Action Taken:**

The 11RS/SG OPR is (b)(6) Another ACC organization/office symbol (in addition to SGOC) is SGMS at 574-7874,x2245. Another OCR (in addition to 99MDSS/SGSR) is HQ ACC/SGOC.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SG-103

Name of Submitter: (b)(6)

Date: 03-Dec-96

Org/Office Symbol: ACC/SGOC

Telephone (DSN): 5747874x2214

OPR: 11RS/SG

OCR: 99RG/CC

Suspense: 5/1/97

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Communication Problems

**Problem/Impact:**

Dead communications on the Range. Medical technicians need better communication capability on the range. Proposed cellular phone capability did not resolve the communication deficiencies. Potentially, if this issue isn't resolved, an injured person could lose life or limb.

**Required Action:**

Need to complete an AF Form 3215 identifying the requirement to the Communications Squadron. Need the 3215 to state the need for total range coverage and ability to communicate with 99MDG, 99RG Fire Department, Air Rescue and if necessary civilian "Flight for Life".

**Action Taken:**

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SP-101

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: HQ ACC/SPXS

Telephone (DSN): 574-2958

OPR: ACC/SPXS

OCR: 11 RS/CC

Suspense: 12/4/96

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title 11RS IQT Training Classroom Space

**Problem/Impact:**

The 11RS squadron commander expressed the need for temporary classroom space for use in Predator initial certification training. The facilities are needed until the UAV FY97 MILCON projects are complete, the training function will then move to the new facilities (Approx. 12-18 months). He requested the immediate use of three rooms in bldg 262 to prepare for training to begin 16 Dec 96. Building 262 is under the control of and currently used by the 99th Ground Combat Training Flight for student mission planning at Silver Flag Alpha, the ACC ground combat skills regional training center. In the future the facility will provide computer based training in Force Protection. Computers have been purchased and software is in development for this purpose. This building will also be used to train Desert Warfare Training Center students in the use and employment of the Tactical Automated Security System.

**Required Action:**

Locate suitable temporary training space until the FY97 MILCON projects are complete.

**Action Taken:**

(b)(6), 11RS/CC, and (b)(6) 99 GCTF/SPO have tentatively agreed to share the use of bldg 262. The agreement requires the 99 GCTF to provide workarounds for their students, but accommodates the urgent need of the 11RS to begin IQT to achieve Predator mission milestones. Both (b)(6) and (b)(6), 99SPS/CC, agreed this is a temporary arrangement and will be supported by a written memorandum of agreement articulating the conditions of the space sharing arrangement.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SV-101

Name of Submitter: (b)(6)

Date: 24-Oct-95

Org/Office Symbol: ACC/SVX

Telephone (DSN): 574-5415

OPR: 99 CONS/LGS

OCR: HQ ACC/SPXR

Suspense: 6/30/96

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title Additional Contract Personnel

**Problem/Impact:**

Once at full strength contractor requires an additional cook and food service workers to support feeding additional personnel.

**Required Action:**

Recommend the existing contract be modified to add 1 cook and 2 food services workers. \* 1 cook @\$16.81 per hour x 2,080 hrs per year = \$34,965. \* 2 Food service workers @ \$ 14.33 per person, per hour x 2,080 hours per year = \$59,613. Total \$ 94,578 per year.

**Action Taken:**

Closed -- 99 Range group coord additional feeding requirements.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SV-102

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/SVF2

Telephone (DSN): 574-3105

OPR: 99 CES/CEC

OCR: 99 RANG/DET-1 9

Suspense: 12/1/97

Date: 04-Dec-96

Critical Action: Yes

Milestone(s): 11

Open/Closed: Open

Red/Green: Green

Title Dining Facility Renovation

### Problem/Impact:

The Bruso Dining Facility is undersized to meet the new mission requirements and requires a significant expansion before the projected 566 personnel arrive by FY01. The Bruso is 3,500 square feet of total usable space and SATAF I identified a shortage of 2,100 sq ft in Oct 95. The seating area is undersized by 1,500 sq ft and the kitchen/serving area requires an additional 600 sq ft. The Bruso will not support the UAV beddown without this expansion.

### Required Action:

1. Recommend 99 CES and 99 RANG/DET-1 complete initial design to include projected costs for new equipment NLT Apr 96. 2. Recommend ACC/SVXP coordinate with ACC/FMAO to secure funding for new equipment NLT Aug 96. Estimate for new equipment submitted to ACC/FMAO for \$270,000 during SATAF II. 3. Recommend expanding the south/east walls to accommodate a larger dining area (+ 1,500 sq ft) and expanding the west wall to accommodate a kitchen/serving area expansion (+ 600 sq ft) NLT Nov 97. 4. Recommend 99 CONS and 99 SVS work with Cabaco, Inc, restructuring the existing contract to meet the increased feeding requirements during the entire UAV beddown.

### Action Taken:

90 percent design completed 4 Nov 96. Funding for project has been secured FY97.



## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SV-103

Name of Submitter:

(b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/SVF2

Telephone (DSN): 574-3105

OPR: 99 CES/CEC

OCR: 99 RANG/Det 1

Suspense: 6/1/98

Date: 03-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Indian Springs Pool Renovation

**Problem/Impact:**

The Indian Springs AFAP does not have adequate recreational activities to support the new mission requirements of the UAV beddown. The pool is currently closed and cannot be reopened without renovation. The ISAFAP will not meet the quality of life standards without this renovation.

**Required Action:**

- a. Recommend 99 CES, RANG/Det 1, and 99 SVS complete initial design to include projected costs NLT Apr 96
- b. Recommend ACC/CE coordinate with ACC/FM to secure funding for the renovation NLT Aug 96
- c. Recommend construction be completed NLT Jun 98.
- d. Recommend 99 CONS and 99 SVS work with Cabaco, Inc. restructuring the existing contract to provide for required support personnel to operate the pool.

**Action Taken:**

Action Items A and B are complete.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SV-104

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/SVF2

Telephone (DSN): 574-3105

OPR: 99 CES/CEC

OCR: 99 RANG/Det 1

Suspense: 1/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Closed

Red/Green: Green

Title VOQ/VAQ Expansion

**Problem/Impact:**

The Indian Springs AFAP currently uses 8 buildings for transient lodging support to the field and deployed units. There are 219 maximum bedspaces available at ISAFAP. Only 10 percent of the facilities meet current ACC Lodging standards and an additional 25 percent could meet ACC standards if the double rooms (Bldg 24) were converted to single room occupancy only. Occupancy statistics show wide fluctuations ranging from 50%-100% occupancy depending on unit deployments (i.e. Silver Flag Alpha) to ISAFAP. In addition, the only contract quarters operation is the Indian Springs Motel (45 rooms) located 2 miles from ISAFAP. All other off-base quarters are 35 miles away. Based on proposed training programs for UAV personnel, it is imperative VOQ/VAQ facilities are upgraded to meet the minimum ACC standards and fully support the UAV beddown.

**Required Action:**

- a. Recommend 99 CES, 99 RANG/Det-1, and 99 SVS complete initial design to include projected costs for a new VOQ/VAQ facility NLT Aug 96. It is not recommended that any significant funds be used to renovate existing facilities based on their condition and usable lifespan after renovation.
- b. Recommend ACC/CE submit the VOQ/VAQ project into the out-year MILCON initiatives NLT Aug 96.

**Action Taken:**

Eliminate requirement for additional VOQ/VAQs.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SV-105

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/SVF2

Telephone (DSN): 574-3105

OPR: 99 CES/CEC

OCR: 99 RANG/Det 1

Suspense: 1/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Fitness Operation Renovation

**Problem/Impact:**

The Indian Springs AFAP fitness facilities consist of two weight rooms (1,500 sq ft ttl), 1 tennis court, 1 basketball court, 1 racketball court and 1 softball field. These facilities all require upgrades to provide the minimum level of fitness support necessary to meet the new mission requirements of the UAV beddown. Short term workarounds involve repair/resurface of the tennis, basketball and racketball court and new lighting for the softball field (ECD Nov 97).

**Required Action:**

a. Recommend 99 CES and 99 RANG/Det 1 complete initial upgrade package to include tennis/basketball court resurfacing costs, softball field lighting costs and racketball court repair costs NLT Apr 96.

**Action Taken:**

Projects have been planned and funding obtained FY97. Estimate project to be completed Nov 97.

## SITE ACTION TASK FORCE (SATAF) ACTION ITEM WORKSHEET

PPlan No: 97-03

Action Item No: SV-106

Name of Submitter: (b)(6)

Date: 04-Dec-96

Org/Office Symbol: ACC/SVF2

Telephone (DSN): 574-3105

OPR: 99CES/CEC

OCR: 99RANG/Det 1

Suspense: 1/1/97

Date: 04-Dec-96

Critical Action: No

Milestone(s):

Open/Closed: Open

Red/Green: Green

Title Dining Facility Expansion

**Problem/Impact:**

The Bruso Dining Facility renovations will not meet the long-term requirements of the UAV beddown and a new dining facility should be constructed to adequately support the mission requirements of the 11RS and other ISAF AF personnel. The new facility should be sized to accommodate between 500-750 personnel during a normal 2-hour feeding period.

**Required Action:**

Recommend ACC/CE submit the Dining Facility project into the out-year MILCON.

**Action Taken:**

Another OCR (in addition to 99RANG/Det 1) is 99 SVS.